

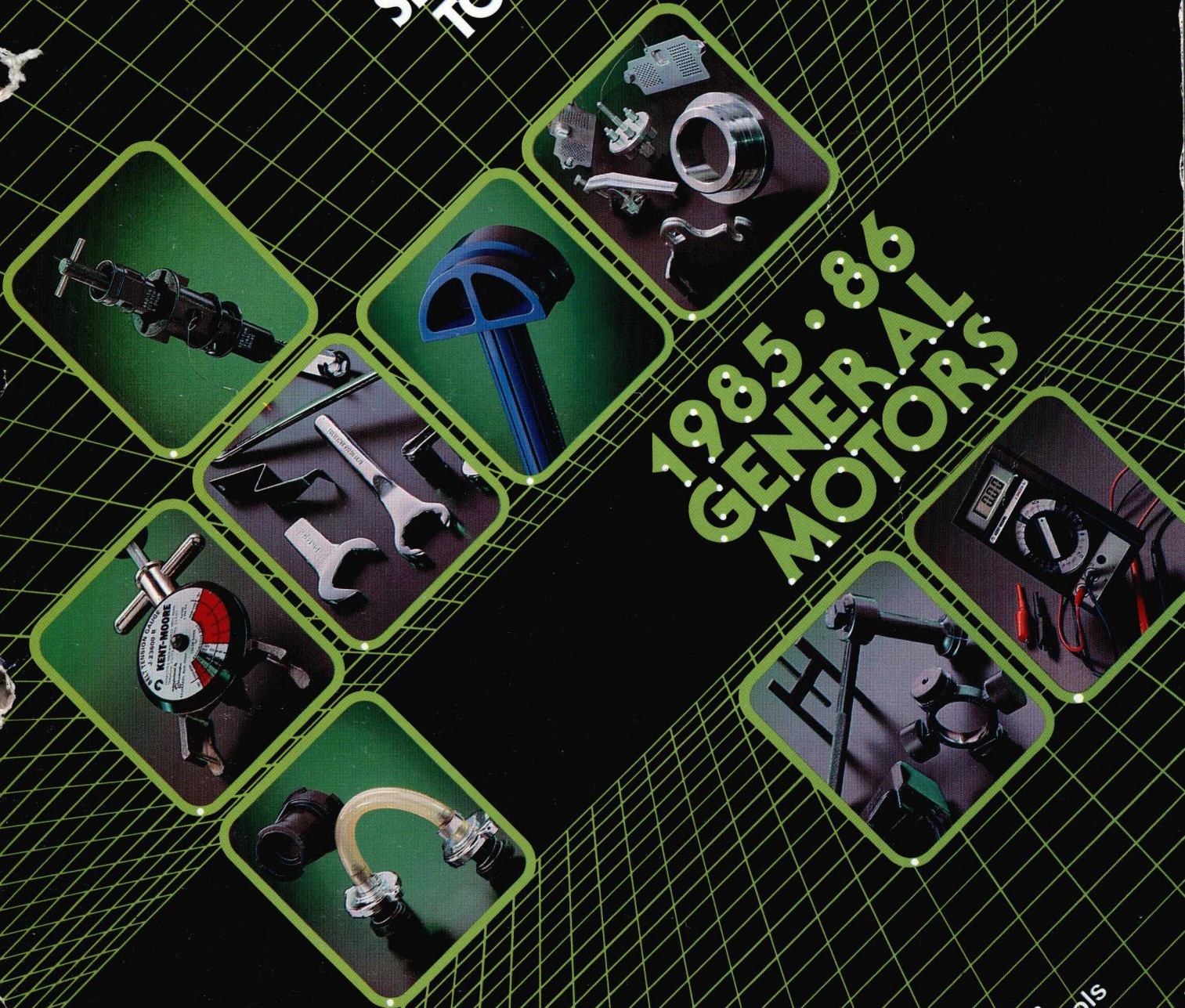


KENT-MOORE

Tool Group

**SPECIAL
SERVICE
TOOLS**

**1985-86
GENERAL
MOTORS**



When
ordinary tools
won't do.

1985-86 GENERAL MOTORS

SERVICE SPECIAL TOOLS



INTRODUCTION

This catalog contains the Special Service Tools and Equipment specified for maintenance, repair and overhaul of the entire passenger car line of the General Motors Corporation.

Each tool, equipment item and component has been designed, developed and tested by the Kent-Moore Engineering Department in conjunction with service standards and procedures established by the respective General Motors divisions. These Kent-Moore special service products are manufactured specifically for use under the prescribed and authorized service procedures as described in service manuals, bulletins and other publications of the General Motors Corporation.

The intent of our products is to increase service department efficiency and profitability by solving a particular service problem with a unique tool that simplifies the task while minimizing the possible damage to precision parts.

Kent-Moore . . . when ordinary tools won't do.

Some Kent-Moore tool applications listed in this catalog designate General Motors body types using their letter code system. This convenient chart converts these letter codes into the vehicle names of each GM division.

BODY DESIGNATION	A	B	C	D	E	F	G	J	K
CHEVROLET	Celebrity	Impala Caprice Classic				Camaro	Monte Carlo	Cavalier	
PONTIAC	6000	Parisienne				Firebird	Bonneville Grand Prix	Sunbird (2000)	
OLDSMOBILE	Ciera	Delta 88	Ninety-Eight		Toronado		Cutlass Supreme	Firenza	
BUICK	Century	LeSabre	Electra		Riviera		Regal	Skyhawk	
CADILLAC			Fleetwood Brougham DeVille	Fleetwood Limousine	Eldorado			Cimarron	Seville
GMC							Caballero		

BODY DESIGNATION	M	N	P	R	S & T Truck	T	X	Y
CHEVROLET	Sprint			Spectrum	Blazer	Chevette	Citation	Corvette
PONTIAC		Grand Am	Fiero			1000	Phoenix	
OLDSMOBILE		Calais					Omega	
BUICK		Somerset Regal					Skyhawk	
CADILLAC								
GMC					Jimmy			

HOW TO ORDER

DOING BUSINESS WITH KENT-MOORE

Ordering Information

As a customer of Kent-Moore, you will receive the highest level of service possible. We are confident you will find the same efficiency when ordering our products as you do when using them.

Catalog Organization

The Kent-Moore Special Service Tools and Equipment presented in this catalog appear in individual sections corresponding to the automotive component for which they are required. Within each section are illustrations of the tools or tool sets and a brief description of their application, arranged in numerical order by the part number that identifies each product. The part number, most often consisting of a "J" prefix, is specifically referred to in General Motors Divisions' service manuals and technical publications. A complete numerical listing of all GM tools in this catalog with page reference begins on page 184.

Kent-Moore Part Numbering System

Understanding the Kent-Moore part numbering system will assure you receive exactly the item you require.

For example:

J 12345	A complete tool.
J 12345-01 (-02, -03, etc.)	A tool updated for additional application or improved function.
J 12345-A (-B, -C)	Denotes the item is a component or service part of a complete tool.
J 12345-1 (-2, -3, etc.)	

Placing Your Order

Complete pricing information is provided in a separate price list. Convenient order forms are included in the center of this catalog. Copies of either are available by contacting our Order Departments. The correct part number **must** appear on all orders. Be sure to include complete "Bill To" and "Ship To" addresses. Emergency orders can generally be filled the same day by contacting the order department directly.

U.S. Order Department:

Kent-Moore Tool Group
Sealed Power Corporation
29784 Little Mack
Roseville, MI 48066-2298
Telephone: (313) 774-9500
Telex: 23-5377
Telex Outside North America: 023-5377
Toll Free: 1-800-345-2233

Canadian Order Department:

Kent-Moore Canada, Inc.
Sealed Power Corporation
5466 Timberlea Blvd.
Unit #2
Mississauga, Ontario
CANADA L4W 2T7
Telephone: (416) 624-6295
Telex: 0696-1338

The above addresses should also be used for:

1. Order follow-up
2. Unlisted tool information
3. Shipping information
4. Claims
5. Returns
6. Pricing information

TERMS

Open Account (approved credit), MasterCard, VISA, C.O.D., or cash (check attached)

TAXES

United States

State and local sales and/or use tax will be added to order if applicable.

Canada

In Canada, Prices include Federal Tax. Provincial Tax will be added to order if applicable.

SHIPMENTS

United States

Shipment will be made F.O.B. Roseville or Jackson, Michigan.

ROUTING

Canada

Shipment will be made F.O.B. Windsor, Ontario. Shipments will be made by United Parcel Service or truck unless otherwise specified.

NOTICE:

Kent-Moore reserves the right to make changes in design or construction of tools and equipment without obligation to incorporate such changes in tools and equipment previously sold.

SERVICE PARTS

Prices and Part Numbers of service parts or individual tools making up a tool set are shown in this catalog and price list. All Kent-Moore products are serviced and replacement items are available from stock. To order or obtain price information on unidentified parts, please describe the required part as thoroughly as possible using whatever tool numbers are available and giving use of required item.

WARRANTY

The tools in this catalog are warranted to be free from defects in material and workmanship under normal use and service for a period of one year after the sale of the product by Kent-Moore. Kent-Moore's sole obligation under this Warranty shall be to repair or replace any defective product or parts thereof, which are returned to Seller's factory, transportation charges pre-paid within the period mentioned above, and which upon examination are proved to Seller's satisfaction to be defective. The Warranty shall not apply to any product or part which has been subject to misuse, negligence or accident. The Seller shall not be responsible for any special or consequential damages and the Warranty as set forth is in lieu of all other warranties either expressed or implied.

However, seller makes no warranty of merchantability in respect of any of the goods offered in this catalog for any particular purpose other than that stated in this catalog and any applicable manufacturer's shop or service manuals referred to therein, including any subsequent service bulletins.

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CALL TOLL FREE **1-800-345-2233**

Hours: Mon - Fri. 8:00 am - 8:00 pm E.S.T.

Michigan residents call (313) 774-9500

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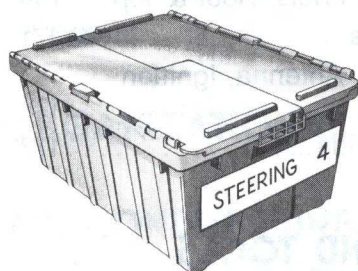
**Organization is a key
to Profits! See our
organization aids featured
on pages 4 & 5.**

ORGANIZATIONAL AIDS

ORGANIZATIONAL AIDS

J 34100 GREAT CRATE

Measures 21-1/2" x 15-1/2" x 9-3/4". Molded in Blue Polyethylene with Storage capacity of 1.4 cu. ft.



J 35805 GREAT CRATE II

Measures 27" x 17" x 12-1/2" 2.4 cu. ft. for those big storage jobs.

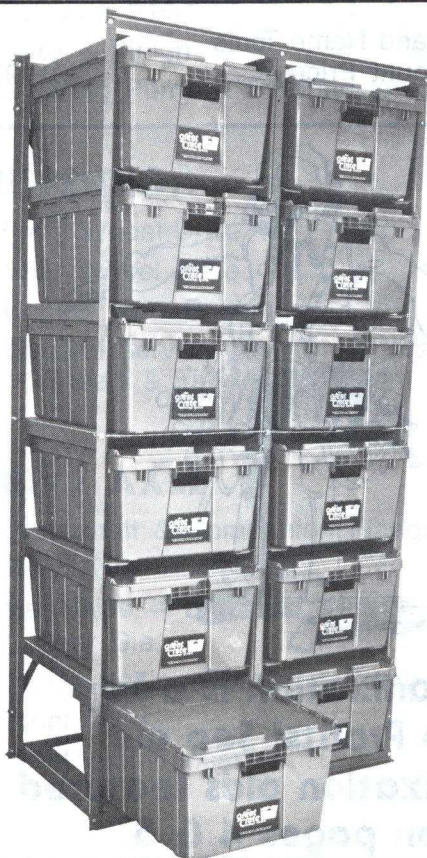
Space saving and organizational problems are conveniently solved with the Great Crate Storage System. Store all kinds of individual items including tools & vehicle components.

Great Crates are available in two versatile sizes to accommodate your storage needs. Each container includes 1" foam pad and a reusable content identification plaque. Great Crates are available singularly or in multiples for stacking in Storage Racks.

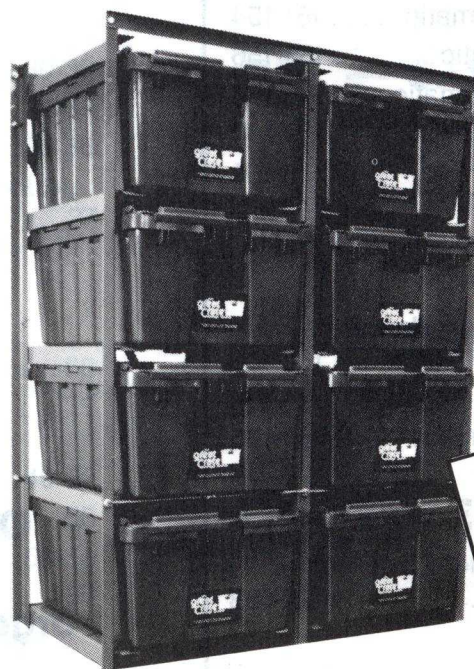
Features:

- Injection molded of durable polyethylene...won't rust, rot or corrode; resists the damaging effects of oil, most chemicals, solvents, and temperature variance of - 10° to + 150°F.
- Stacks when full with cover closed...nests when empty with cover open.
- Load capacity to 70 lbs. per container...bottom container in stack will support up to 250 lbs.
- Permanent, molded-in blue color.
- Lighter in weight than equal-sized steel or wood containers, with no sharp edges, burrs or splinters to damage product or personnel.
- Strong, durable, easy to use, steel hinged security cover.
- Container includes open hand grips on ends, and solid grid bottom.

STORAGE RACK & BOX COMBINATIONS



J 34755
Storage Rack & 12 J 34100 Great Crates.



J 35810
Storage Rack & 8 J 35805
Great Crate II's.

**GREAT CRATE II
EXTRA LARGE
STORAGE**

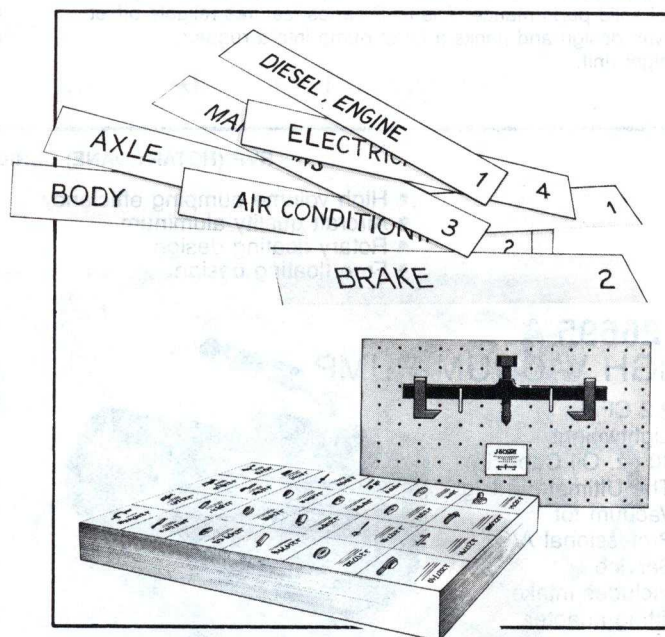
Storage Racks are 14 Gauge Steel Baked Gray Enamel.

ORGANIZATIONAL AIDS (CONTINUED)

J 34685

SECTION HEADER LABELS

Identify major vehicle component sections at a glance. Assortment of 48 header labels, self-adhesive vinyl, for use at the top of toolboard/wall system or on the end plate of the Great Crate. Header labels measure 11" by 2-1/8" and correspond with the section column on Tool Inventory worksheets in the Organizational Manual. White with blue printing.



J 34695-B

TOOL DECALS

Set includes decals for all special tools with application 1979 to current. Decals measure 2-1/8" by 1-7/8" and have tool numbers, descriptions and a picture of the tool. Use with toolboard or box storage system. Over 1,200 self-adhesive vinyl decals. White with blue printing. Used in the inside lid of Great Crate containers or with traditional peg board organizational systems.

TOOL BOARD HOOK SELECTIONS

Tool board hooks are available in a full range of shapes & sizes for use with peg board systems. Hooks can be purchased in convenient assortments of the most often-used sizes and are also available in specific hook packages.

J 34720

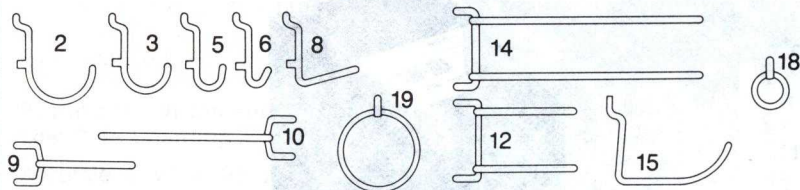
Small Assortment
130 Hooks

J 34721

Medium Assortment
325 Hooks

J 34722

Large Assortment
485 Hooks



SPECIFIC HOOK PACKAGES

Part No.	Hook No.	Package Quantity
J 34702-25	2	25
J 34703-25	3	25
J 34705-10	5	10
J 34706-10	6	10
J 34708-10	8	10
J 34709-10	9	10
J 34710-5	10	5
J 34712-5	12	5
J 34714-5	14	5
J 34715-5	15	5
J 34718-10	18	10
J 34719-10	19	10

MISCELLANEOUS

J 24894-01

TECHNICIAN TOOL CHECKS

Sturdy, blue anodized aluminum. Four of each numbered 1 through 25. S-hooks for hanging included.

J 35550

TOOL STORAGE CASES

Set of 3 cases for storage of multiple-part tools or related component service tools. Molded black cases have sturdy latch closures and carrying handles for convenient storage and easy mobility to the work location. Sizes include 1 of each 17" by 13" by 4-1/2"; 14" by 11" by 4-1/2" and 12-1/2" by 9" by 3". Empty cases nest together for space-saving storage.



AIR CONDITIONING

VACUUM PUMPS

Each Kent-Moore (Robinair) Vacuum Pump is engineered to give years of solid performance. The RVP series features reliable offset rotary van design and packs a lot of pump into a rugged, lightweight unit.

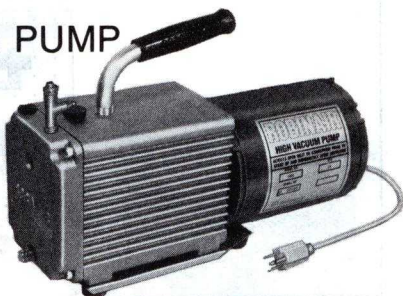
Years of experience in engineering and manufacturing of vacuum pumps enables Kent-Moore (Robinair) to produce the most advanced pumps in the service industry.

RVP (ROTARY VANE) SERIES VACUUM PUMPS

- High volume pumping efficiency
- Aircraft quality aluminum
- Rotary floating design
- Free floating design
- Gas ballast
- Lifetime filtration
- Axial motor coupling
- Thermal motor protection

J 26695-A HIGH VACUUM PUMP

- 2.2 CFM
- Lightweight
- 10 oz. Oil Capacity
- The Ultimate in High Vacuum for Professional A/C Service
- Includes intake fitting adapter



J 34119 HIGH VACUUM PUMP

- 1.2 CFM
- Low Cost Electric Pump
- Rugged Design—Built To Last
- Serviceable



J 24364-A HIGH VACUUM PUMP

- 4.5 CFM
- High Volume Lightweight Package



J 26695-5 VACUUM PUMP OIL (ONE QUART)



J 33775 AIR POWERED VACUUM PUMP

- 1.3 CFM
- Low cost
- Powered by shop air
- No moving parts
- No oil to change
- Nothing to wear out



Vacuum Pump Specifications

KM PART NO.	J 33775	J 34119	J 26695-A	J 24364-A
Drive	Air	Direct	Direct	Direct
Free Air Displacement	1.3 CFM	1.2 CFM	2.2 CFM	4.5 CFM
No. of Stages	Venturi	Single	Single	Two
Voltage	None	115V-60 Cy.	115V-60 Cy.	115V-60 Cy.
Factory Micron Rating	29.7	200	50	20
Oil Capacity	None	5 oz.	10 oz.	13 oz.
Weight	5 lbs.	10 lbs.	21 lbs.	23 lbs.
Overall Width	6-1/8"	4-1/2"	5-1/2"	5-1/2"
Overall Height	6-3/4"	8-1/2"	10"	10"
Overall Length	9-1/2"	9-1/2"	13-1/4"	16"
Intake Fitting	1/4" FPT	1/4" MFL	1/2 or 1/4" Flare	1/2 or 1/4" Flare

CHARGING STATIONS

THE ULTIMATE A/C CHARGING STATION

Computerized Microprocessor Controls Simplify Air Conditioning Service

J 34000-A

FEATURES:

Automatic Operation

- System purging with oil catch bottle
- Evacuation
- Leak testing
- R-12 charging
- Oil charging

Microprocessor Controls

- Minimal training required
- Easy-to-understand Push button operation — easy to program
- Solid state electronics
- Reliable solenoid valves
- Status light indicators for each function
- Hold feature allows manual override
- Alarm sounds if system pressures equalize
- Low refrigerant warning light
- Automatically stops oil transfer when supply is low
- Station signals operator when automatic cycle is complete
- Frees operator for other service jobs

Professional Evacuation

Big 1.2 CFM high vacuum pump
Ensures complete moisture removal
Evacuates to 29.99" Hg.

Positive Displacement Low Side Charging

Accurate to within 1/2 oz. of R-12
Not affected by temperature changes
Accepts up to 30 lb. bulk R-12 tank

Other Service Features

Heavy duty steel cabinet
Lockable storage drawers
Large diameter high and low side gauges
Handy work surface

Self Diagnostic Program

Station will check itself for key operations
Enables you to isolate solenoid valves
Checks true weight on scale
All components are field replaceable
Eliminates costly repairs
Minimizes down-time losses
Save shipping charges
Convenient, in-shop self diagnosis

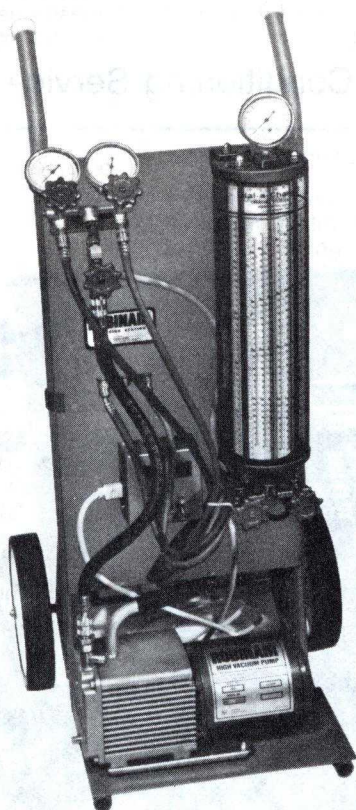


Specifications

- 96" red and blue hoses with shut-off valves
- 1.2 CFM high vacuum pump - 29.99" Hg
- Microprocessor controls
- High side adapters furnished
- Height 44", Width 24 1/2", Depth 20"
- Weight 115 lbs.
- Capacity - 30 lbs. R-12

AIR CONDITIONING

CHARGING STATIONS (CONTINUED)



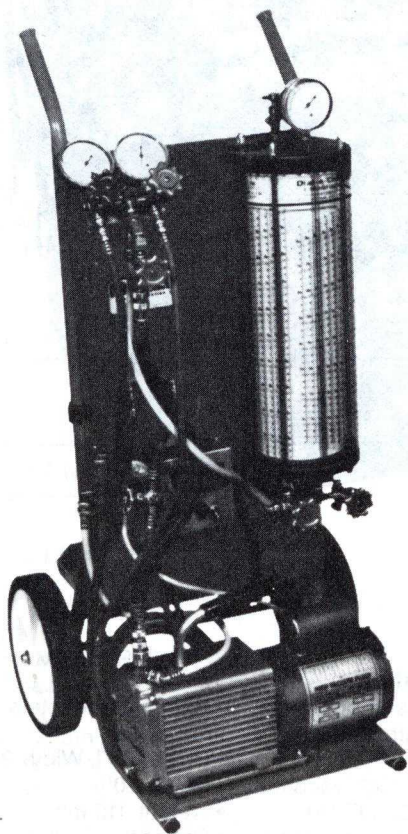
J 23500-01 PORTABLE CHARGING STATION

A medium sized, fully equipped professional charging station perfect for passenger car A/C service, light trucks, panel trucks or other vehicles requiring 5 lbs. or less refrigerant charge. High quality components are well matched under all service conditions.

Features

- J 26695-A 2.2 CFM Vacuum Pump
- 5 lb. Heated Dial-A-Charge Cylinder
- Power Pack
- Portable Heavy Duty Cart with 96" Long Hoses
- Complete Service Center

J 23900-B Portable Charging Station
(same as J 23500-01 but requires 220 volt 50 cycle current)



J 24410-A PORTABLE HIGH VACUUM CHARGING STATION

A heavy duty, high capacity charging station designed for fleet service or large volume A/C systems.

Unit is equipped with all components needed for fast, professional air conditioning service.

Features

- J 24364-A 4.5 CFM Vacuum Pump
- 10 lb. Heated Dial-A-Charge Cylinder
- Power Pack
- Electric Solenoid Controlled Vacuum Release
- Portable Heavy Duty Cart with 96" Long Hoses
- Complete Service Center

CHARGING STATION RECONDITIONING

Charging Station Factory Reconditioning Service

If you currently own a Kent-Moore (Robinair) Charging Station in need of major repairs, we suggest you consider this special offer.

Return the station to Kent-Moore and experienced repair technicians will perform the following reconditioning in our factory for \$395 plus freight both ways.

- Completely disassemble, degrease, and repaint station cart and wheels.
- Replace all seals and gaskets in manifold gauge set and charging cylinder.
- Inspect and test all gauges.
- Flush vacuum pump and refill with new vacuum pump oil.
- Replace valve handles.
- Replace all hoses.
- Replace freon tank belt.
- Reassemble complete station and test operation of all components.

- Repackage station in a new shipping carton with a one quart container of vacuum pump oil and return to you.

This reconditioning process will restore your station to a like new condition at a cost much less than a new charging station.

For authorization and instructions on how to ship your station to Kent-Moore, please contact our customer service department at 313-774-9500.

Certain model Kent-Moore Charging Stations with side wheel manifolds cannot be reconditioned. Please contact us for further information.

The price includes items listed. Any additional parts required will be added to this price. An estimate of total repair cost will be quoted for your approval.

CHARGING STATION MINOR REPAIR

J 23500-01 CHARGING STATION SERVICE PARTS

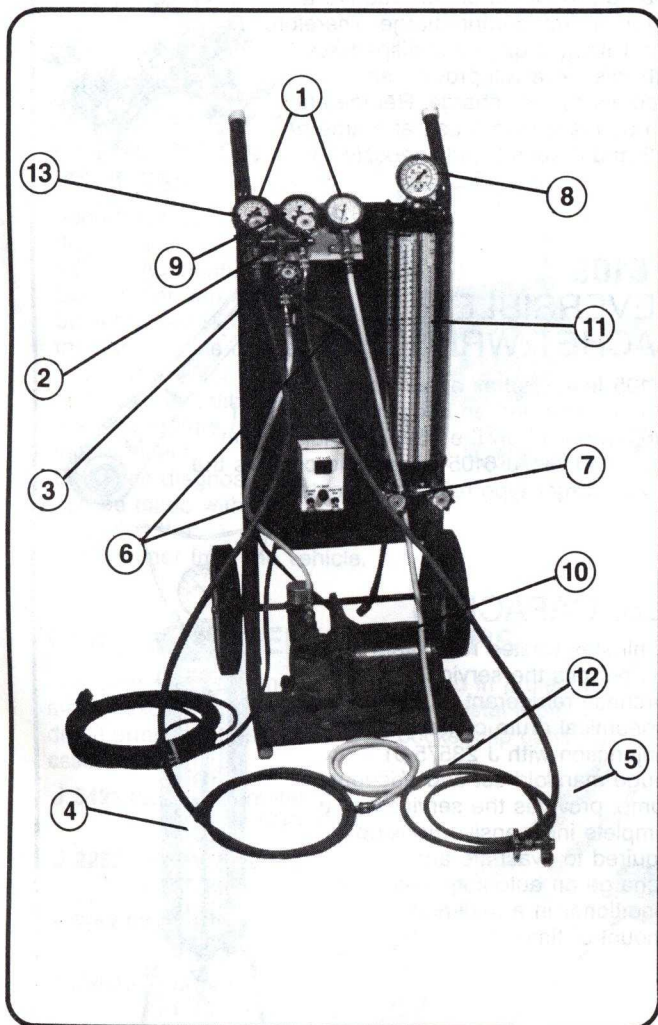
If your charging system is in need of minor repairs, we suggest the following:

Many of the components of the J 23500-01 Charging Station (Robinair #10854) can be easily replaced. The illustration shows the service parts for this station available from our inventory.

- | | |
|----------------|-------------------------------|
| 1. J 5725-5 | Blue Compound Gauge |
| 2. J 23500-53 | Complete Manifold Less Gauges |
| 3. J 23500-55 | Vacuum Pump Valve |
| 4. J 5418-96B | 96" Blue Line |
| 5. J 5418-96R | 96" Red Line |
| 6. J 5418-24Y | 24" Yellow Line |
| 7. J 23500-71 | Charging Cylinder Manifold |
| 8. J 23500-78 | Charging Cylinder Gauge |
| 9. J 5725-6 | Red Pressure Gauge |
| 10. J 26695-A | Vacuum Pump |
| 11. J 23500-85 | Replacement Charging Cylinder |
| 12. J 5418-96Y | 96" White Line |
| 13. J 23500-54 | Valve Hand Wheel |

Other Internal Service Parts

J 23500-10	Valve Stem Seal "O" Rings (Package of 10)	J 23500-68	Charging Cylinder Gasket Kit
J 23500-25	115v Cartridge Heating Element	J 23500-72	Manifold Stem Assembly with Seals
J 23500-30	115v Threaded Heating Element	J 23500-73	Charging Cylinder Sight Glass Tube
		J 23500-80	Charging Cylinder Top Valve

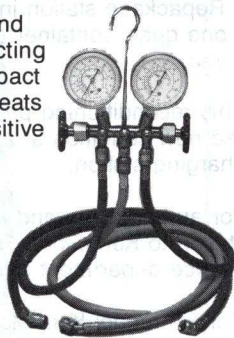


AIR CONDITIONING

TESTING & CHARGING

J 23575-01 COMPLETE MANIFOLD ASSEMBLY

The ideal unit for testing evacuating and recharging a system without disconnecting any hoses. All brass forged body compact design for rugged use. Special stem seats and double "O" ring seals provide positive leak-proof shutoff. Maximum flow with 2-1/2 turns of the handle. Gauges are furnished with screw on hi-impact Lexan lenses. Includes two 35" and one 60" hose



Manifold Service Parts

J 23500-10 Urethane "O" Rings (Package of 10) Fits all valves that use "O" Ring stem seals

J 5418-1 1/4" Gasket (Package of 6)
J 5418-2 1/4" Valve Depressor (Package of 6)

J 22132-02 ACCESS VALVE CORE REMOVER AND INSTALLER WITH 1/4" QUICK COUPLER PAT. No. 3,299,648

Designed specifically for use when evacuating or recharging any system using valve core type access valves. This tool removes the valve core and holds it back out of the way, inside the tool to eliminate restriction and provide full flow. Use of this tool makes it possible to evacuate and recharge in half the time normally required. Replacement "O" Rings and gaskets furnished with tool.



J 23390 12 LB. DISPOSABLE CAN CONTROL VALVE

J 23390 opens and controls the flow on the 12 lb. disposable refrigerant container.

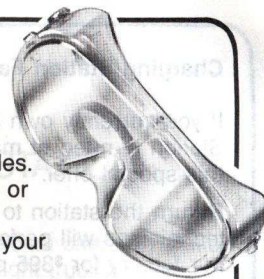


J 24641 HEATED DIAL-A-CHARGE® CYLINDER (5 LB. CAPACITY)

The only portable device available designed to adjust for volume fluctuation in refrigerant caused by temperature changes. Calibrated for refrigerant 12 and 22 for accurate recharging of auto air conditioners and recreational vehicle air conditioners. The Dial-A-Charge with heating element provides a consistent positive pressure at the cylinder to overcome pressure equalization between the refrigerant source and the system being charged. This not only permits vapor charging in the low side but also increases speed of high side liquid charging. Eliminates possible reed valve and piston failure caused by improperly "slugging" the low side. Shut-Off valve at bottom of cylinder contains a teflon seat which provides finger-tip control while charging systems with the exact factory specified amount of refrigerant.

J 5453 SAFETY GOGGLES

The safety of every air conditioner mechanic depends on the use of goggles. Refrigerant, as it escapes from a loose or broken fitting, will freeze any object it contacts. It is very important to protect your eyes.



J 6271-01 REFRIGERANT CAN "TAPS-ALL" VALVE

Valve allows for safe, secure dispensing of refrigerant from top tap type refrigerant cans.



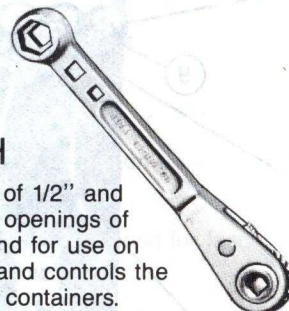
J 6272-02 MULTI-CAN DISPENSING VALVE

A large proportion of cars require a 3-1/2" lb. refrigerant charge. Therefore, four 1 lbs. (14 oz.) cans dispensed with this valve will provide an accurate system charge. Refrigerant can be dispensed 1 can at a time or 2, 3 and 4 cans simultaneously.

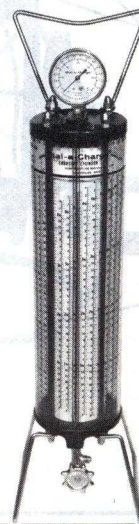


J 6105 REVERSIBLE RATCHET WRENCH

J 6105 features hex openings of 1/2" and 9/16" on one end and square openings of 3/16" and 1/4" on the other end for use on service valves. J 6105 opens and controls the flow on larger type refrigerant containers.



Eliminates wasted refrigerant and permits the service facility to purchase refrigerant in large economical drum containers. In conjunction with J 23575-01 gauge manifold set and Vacuum Pump, provides the serviceman a complete inexpensive hook-up required to evacuate and recharge an automotive air conditioner in a minimum amount of time.



TESTING & CHARGING (CONTINUED)

J 29547 AUTOBALANCE REFRIGERANT LEAK DETECTOR

Improved electronic circuitry detects refrigerant or halogen gas leaks as small as 1/2 oz. per year. Engineered for simplicity the J 29547 features a slide-type on-off switch that also resets the unit in contaminated areas. Both audible and visual leak detection is provided by a change in signal tone and a flashing LED built into the 18" flexible probe. A 40" coiled cord extension permits refrigerant leak detection in hard to reach places. A green LED battery life monitor glows to indicate sufficient operating voltage when the unit is on. Field service is possible with replacement tips, filters and a sensing element which can be cleaned with common solvent. Supplied with large, heavy duty case.

Specifications & Service Parts

Power Supply: 4 AA size batteries
(Not included)

Sensitivity: 1/2 oz. per year

Response Time: Instantaneous

Warm-up Time: Instantaneous

Weight: Approx. 24 oz. with batteries

Battery Life: Up to 80 hours
(alkaline batteries)

Operation Temperature: 0° to 120°F

Dimensions: 7" x 3" x 1.5"

J 29547-1 Replacement Sensing Element

J 29547-2 Sensing Element Protector

J 29547-3 Filter Cloths (12 per package)



J 23678-D AUTOMATIC TEMPERATURE CONTROL TESTER AND ADAPTERS (Chev., Cad., Olds., Buick, Pontiac) With Delco A.T.C. INCLUDES J 24774 COMFORTRON ADAPTER HARNESS

Accurate, fast diagnosis of the 1971-82 Automatic Air Conditioner can only be accomplished through the use of this tester. The tester is also used to calibrate the temperature control thumb wheel. Complete diagnosis can be made without removing the programmer from the vehicle.



J 21213-A FOUR JACK-DUAL RANGE TEMPERATURE TESTER

Check temperature readings in four locations simultaneously.

Range: -50°F to 100°F to 300°F High.

Two J 21213-5 15-ft. general purpose leads. Addition leads available. Operates on 1 "D" cell alkaline battery. (not included)



J 23713-01 PROGRAMMER TEST HARNESS

For 1971-82 Automatic Air Conditioner Programmers. Used with J 23678-D Tester.



POCKET THERMOMETERS

Precision glass thermometers enclosed in protective metal cases with handy pocket clips. Metal tube dial thermometers supplied with pocket clip carrying case.

J 5421-02 Thermometer
(0° to 220°F). Glass

J 22555 Thermometer
(-50° to +120°F). Glass

J 6742-03 Thermometer
(25°F to 125°F) Dial

J 23640 Thermometer
(0°F to 220°F) Dial



J 26934 H-10 LEAK DETECTOR

• AC-powered, top reliability and performance



J 6084 LEAK DETECTOR

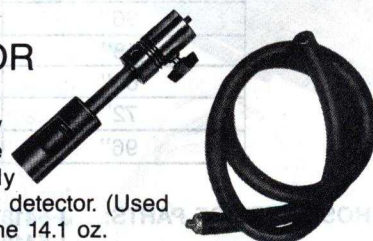
Replacement Parts

J 6084-2 Head Assembly

J 6084-21 Reaction Plate

J 6084-22 Valve Assembly

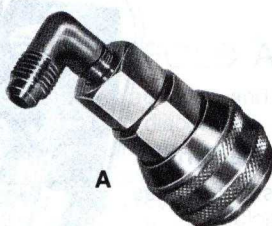
Liquid propane type leak detector. (Used with any standard propane 14.1 oz. cylinder)



AIR CONDITIONING

ACCESS VALVES, ADAPTERS & HOSES

Quick Coupler
Type Fitting



A



C



E

Brass Adapters



B

Flexible Adapters



D

Service Parts
(6 pieces per pkg.)

J 5418-1 1/4" Gasket

J 25498-3 3/8" Gasket



J 5418-2 1/4" Valve depressor

J 25498-2 3/8" Valve depressor



NUMBER	FITTING TYPE	DIMENSIONS	GM	STYLE
J 25498	Straight Brass	1/4 MFL x 3/8 FFL	'77 and Later	C
J 25499	90° Brass	1/4 MFL x 3/8 FFL	'77 and Later	D
J 34122	6" Flexible	1/4 MFL x 3/8 FFL	'77 and Later	B
J 34123	6" Flexible	1/4" MFL x 1/4 FFL	'76 and Prior	B
J 34124	Quick Coupler	1/4 MFL x 3/8	'78 and Later	A
J 5420	Straight Brass	1/4 MFL x 1/4 FFL	'76 and Prior	C
J 9459	90° Brass	1/4 MFL x 1/4 FFL	'76 and Prior	D
J 24556-B	Tight 90° Brass	1/4 MFL x 1/4 FFL	Corvette	E

*Always Check Manufacturer's Specific Applications

CHARGING HOSES

This quality hose is capable of withstanding working pressure up to 500 P.S.I. with an average burst pressure of 2,000 P.S.I. Access valve depressor in elbow end included on all hoses.



Single Hoses (1/4" Brass Fittings)

Hose Length	Red High Side	Blue Low Side	Yellow
36"	J 5418-36R	J 5418-36B	J 5418-36Y
48"	J 5418-48R	J 5418-48B	J 5418-48Y
60"	J 5418-60R	J 5418-60B	J 5418-60Y
72"	J 5418-72R	J 5418-72B	J 5418-72Y
96"	J 5418-96R	J 5418-96B	J 5418-96Y

HOSE SERVICE PARTS: J 5418-1 1/4" Gasket (package of 6)
J 5418-2 1/4" Valve Depressor (package of 6)

GENERAL SERVICE TOOLS

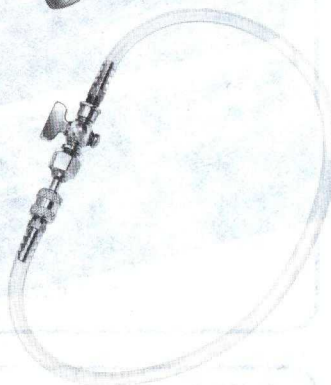
TUBE WRENCH J 6856 1" TUBE WRENCH

This wrench assures a positive grip on flare nut fittings and reduces the tendency to damage the fitting.



J 24095 COMPRESSOR OIL INJECTOR

J 24095 Oil Injector is used while evacuating the air conditioning system. The oil is drawn into the low side of the system while evacuating on the high side. This allows the technician to charge oil into the system.



J 24182 V.I.R. SERVICE TOOL SET

This service set includes three special tools: J 24182-1 for removal of the POA-STV valve and expansion valve; J 24182-2 for removal and installation of the Schrader valve cores; and J 24182-3 to install the suction tube retaining ring.



J 34611 A/C VALVE CORE TOOL

J 34611 is required to service the larger valve core used on some GM AC systems.



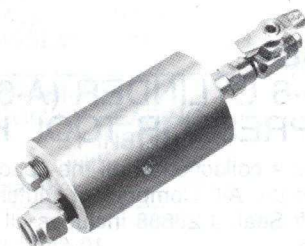
J 26549-D ORIFICE TUBE REMOVER AND EXTRACTOR

The cycling clutch air conditioning system has a screened orifice that requires the use of this puller for removal. This new improved design includes all the necessary pieces to remove the complete orifice tube or extract a damaged one, plus complete instructions and handy storage pouch.



J 7605-03 COMPRESSOR OIL INJECTOR

J 7605-03 Oil Injector can be permanently installed on an air conditioning station, and the oil is forced into the compressor by the refrigerant. The capacity of this oil injector is two ounces.



J 26526 POA VALVE TESTER (V.I.R. SYSTEM)

POA valves that are suspected to be defective may now be checked accurately for their proper operation. Adapters use 1/4" male flare threads for quick coupling to any of our A/C hoses. Complete test procedures and hook-up diagram are provided with each tester.



J 21530 AUTOMATIC TEMPERATURE CONTROL KNOB ADJUSTER (1969-1982)

This tool permits easy adjustments of the automatic temperature control knob without it's removal from the instrument panel.



J 33883 A/C FLUSHING KIT

The J 33883 safely removes contaminants from components and lines quickly and efficiently when flushing of air conditioning systems is required. Its unique design eliminates the necessity of tipping or inverting the charged reservoir during flushing procedures. Packed in a sturdy plastic box, all hardware and fittings are included. Flushing solvent not supplied. Includes instructions.



AIR CONDITIONING

GM A-6 COMPRESSOR

J 29888

GM A-6 CYLINDER (A-6) COMPRESSOR TOOL KIT

This kit is a collection of all the special tools required to service the A-6 Compressor Clutch, Clutch Bearing and Shaft Seal. J 29888 includes all tools shown on this page.

Also Included:

J 25030 CLUTCH HUB HOLDING TOOL

J 9399 COMPRESSOR SHAFT NUT
SOCKET

J 5403 INTERNAL SNAP RING PLIER
(.038" Dia. Straight Tip)

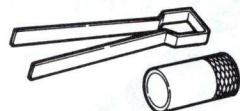
J 6083 EXTERNAL SNAP RING PLIER
(.070" Dia. Straight Tip)



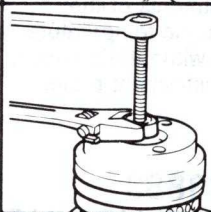
J 9392-01
SEAL ASSEMBLY
REMOVER AND INSTALLER



J 9393-A
SEAL SEAT
REMOVER AND INSTALLER



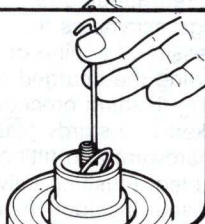
J 9401-A
HUB DRIVE
PLATE REMOVER



J 9480-B
HUB AND DRIVE
PLATE ASSEMBLY INSTALLER



J 9553-01
"O" RING REMOVER



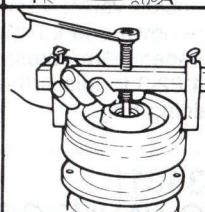
J 23128-A
CERAMIC SEAL
REMOVER AND INSTALLER



J 22974-A
SHAFT SEAL PROTECTOR



J 29884
PULLEY PULLER KIT

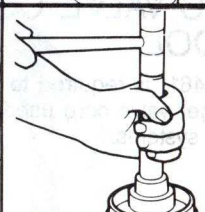


J 29885
PULLEY INSTALLER—
BEARING REMOVER
AND INSTALLER KIT

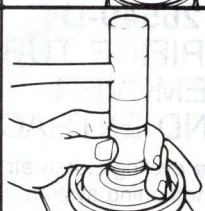


J 9481-A

J 29886



J 29887
SNAP RING INSTALLER





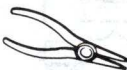


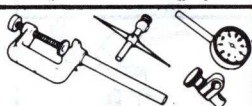


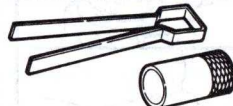


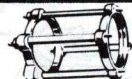


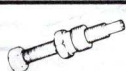
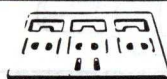

J 33011
"O" RING INSTALLER




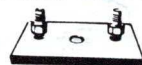




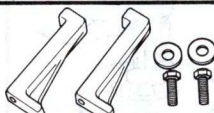



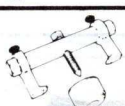





TOOLS SHOWN ABOVE ARE ALSO AVAILABLE SEPARATELY

KENT-MOORE SPECIAL SERVICE TOOLS

GM A-6 COMPRESSOR (CONTINUED)




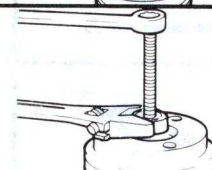

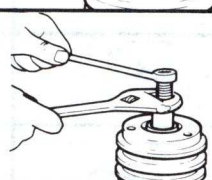

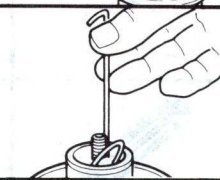




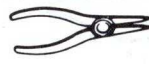


	J 5139 OIL PICK-UP TUBE REMOVER
	J 5403 SNAP RING PLIERS (#21 Internal) .038" Dia. Straight Tip
	J 6083 SNAP RING PLIERS (#24 External) .070" Dia. Straight Tip
	J 6435 SNAP RING PLIERS (#26 External) .115" Dia. Straight Tip
	J 7605-03 COMPRESSOR OIL INJECTOR (2 oz. Capacity)
	J 8001 DIAL INDICATOR SET (.001" Increments — .200 Travel)
	J 8433 HEAVY DUTY PULLEY PULLER (Use with J 9395)
	J 9392-01 SHAFT SEAL REMOVER & INSTALLER
	J 9393-A SEAL SEAT REMOVER & INSTALLER (Carbon Seat)
	J 9395 PULLEY PULLER ADAPTER (Use with J 8433)
	J 9396 COMPRESSOR HOLDING FIXTURE (Use with J 9397)
	J 9397 COMPRESSING FIXTURE
	J 9398-A PULLEY BEARING REMOVER (Used with J 29886 Driver Handle)
	J 9399 COMPRESSOR SHAFT NUT SOCKET (5/16" Thin Wall Hex)
	J 9401-A HUB & CLUTCH DRIVE PLATE ASSEMBLY REMOVER
	J 9402 PISTON ASSEMBLY TRAY
	J 9432 NEEDLE BEARING INSTALLER




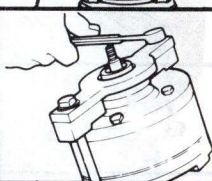



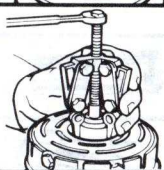

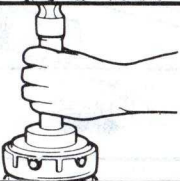

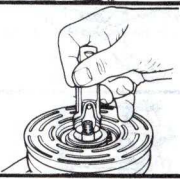
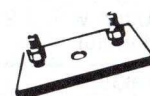
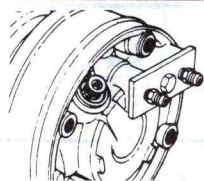

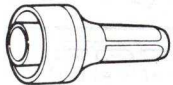

	J 9480-B HUB & DRIVE PLATE ASSEMBLY INSTALLER
	J 9481-A PULLEY BEARING & PULLEY INSTALLER (Used with J 29886 Driver Handle)
	J 9553-01 "O" RING REMOVER
	J 9625-A PRESSURE TEST SET WITH SCHRADER VALVES
	J 9661-01 FEELER TENSION GAUGE SET Includes: (.017", .018", .019", .020", .021", .022" Feeler Gauges)
	J 21352-A COMPRESSOR SUPPORT BLOCK
	J 22974-A COMPRESSOR SHAFT OIL SEAL PROTECTOR (Two pieces ceramic & carbon seals)
	J 23128-A COMPRESSOR SHAFT SEAL SEAT REMOVER & INSTALLER (Ceramic Seat & One- piece Teflon Seals)
	J 24092 PULLEY HUB ADAPTER SET (Used with J 8433 — for Poly-V-Belt)
	J 24340 RETAINING RING PLIERS (Shaft seal)
	J 24608 TEFLON PISTON RING INSTALLER
	J 25030 CLUTCH HUB HOLDING TOOL
	J 29884 COMPRESSOR PULLEY PULLER KIT
	J 29886 THREADED DRIVER HANDLE
	J 29887 SNAP RING INSTALLER
	J 33011 "O" RING INSTALLER (Supercedes J 21508)

GM R-4 COMPRESSOR

J 29892-A GM 4 CYLINDER (R-4) COMPRESSOR TOOL KIT









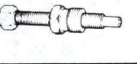
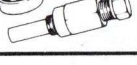




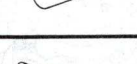


This kit is a collection of all the special tools required to service the standard R-4 Compressor Clutch, Clutch Bearing, and Shaft Seal. J 29892-A includes all items shown on this page. (See complete R-4 tool listing for 6/pole clutch on following page)





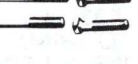









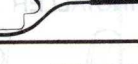


J 9398-A ROTOR BEARING REMOVER J 9481-A PULLEY BEARING & PULLEY INSTALLER		
J 9401-A HUB & DRIVER PLATE REMOVER		
J 9480-B HUB & DRIVER PLATE ASSEMBLY INSTALLER		
J 9553-01 "O" RING REMOVER		
J 23128-A SEAL & SEAL SEAT REMOVER		
J 24895 NEEDLE BEARING INSTALLER		
J 6083 EXTERNAL SNAP RING PLIERS (.070" Dia. straight tip)		
J 9392-01 SHAFT SEAL REMOVER & INSTALLER		
J 9399 SHAFT NUT SOCKET		

J 24896 NEEDLE BEARING REMOVER		
J 25008-A COMPRESSOR SHELL REMOVER, INSTALLER & HOLDING FIXTURE		
J 25030 CLUTCH HUB HOLDING TOOL		
J 25031 ROTOR & BEARING PULLER		
J 26271-A ROTOR & BEARING ASSEMBLY INSTALLER		
J 33011 "O" RING INSTALLER		
J 9625-A PRESSURE TEST SET		
J 24340 RETAINING RING PLIERS		
J 29886 DRIVER HANDLE		
J 34614 SHAFT SEAL PROTECTOR		

TOOLS SHOWN ABOVE ARE ALSO AVAILABLE SEPARATELY

GM R-4 COMPRESSOR (CONTINUED)

	J 4245 SNAP RING PLIERS #23 INTERNAL (.070" Dia. straight tip)
	J 5403 SNAP RING PLIER #21 INTERNAL (.038" Dia. straight tip)
	J 6083 SNAP RING PLIER #24 EXTERNAL (.070" Dia. straight tip)
	J 5139 OIL PICK-UP TUBE REMOVER
	J 7605-03 COMPRESSOR OIL INJECTOR (2 oz. capacity)
	J 9392-01 SHAFT SEAL REMOVER & INSTALLER (Two piece ceramic/carbon seals)
	J 9398-A ROTOR BEARING REMOVER (Use with J 29886)
	J 9399 COMPRESSOR SHAFT NUT SOCKET (9/16" Hex—thin wall)
	J 9401-A HUB & CLUTCH DRIVE PLATE ASSEMBLY REMOVER
	J 9480-B HUB & DRIVER PLATE ASSEMBLY INSTALLER
	J 9481-A PULLEY BEARING & PULLEY INSTALLER (Use with J 29886)
	J 9553-01 "O" RING REMOVER
	J 9625-A PRESSURE TEST SET WITH SCHRADER VALVES
	J 21352-A SUPPORT BLOCK (R-4 W/6 pole clutch)
	J 22974-A COMPRESSOR SHAFT OIL SEAL PROTECTOR (For 2 piece ceramic/carbon seals)
	J 23128-A COMPRESSOR SHAFT SEAL REMOVER & INSTALLER (Ceramic seal & one piece teflon seal)
	J 24092 CLUTCH COIL PULLER LEGS (Poly-groove drive) Use with J 8433

	J 24340 SHAFT SEAL RETAINING RING PLIERS
	J 24895 FRONT HEAD NEEDLE BEARING INSTALLER
	J 24896 FRONT HEAD NEEDLE BEARING REMOVER
	J 25008-A SHELL REMOVER & INSTALLER & HOLDING FIXTURE (Includes J 25008-20)
	J 25008-20 METRIC ADAPTER BOLTS (Part of J 25008-A)
	J 25030 CLUTCH HUB HOLDING TOOL
	J 25031 ROTOR & BEARING ASSEMBLY REMOVER
	J 25287 CLUTCH COIL PULLER (R-4 W/6 Pole clutch or poly-groove drive)
	J 26271-A ROTOR & BEARING ASSEMBLY INSTALLER (Use with J 29886)
	J 29886 THREADED DRIVER HANDLE
	J 33011 "O" RING INSTALLER (Supercedes J 21508)
	J 33019 BEARING STAKING TOOL (R-4 W/6 Pole clutch)
	J 33020 PULLEY PULLER (R-4 W/6 Pole clutch) Use with J 25031-1
	J 33024 CLUTCH COIL INSTALLER (R-4 W/6 Pole clutch)
	J 33027 CLUTCH HUB HOLDING TOOL (R-4 W/6 Pole clutch)
	J 34019 HUB & DRIVE PLATE REMOVER (R-4 W/6 Pole clutch)
	J 34614 SHAFT SEAL PROTECTOR (For one piece teflon seals 1984 to current)

AIR CONDITIONING

GM DA-6 COMPRESSOR

J 34021-A GM 6 CYLINDER (DA-6) COMPRESSOR TOOL KIT

This kit includes all of the special tools required to service the DA-6 Compressor. J 34021-A includes all items shown on this page. All tools also available individually.

J 5403
INTERNAL
SNAP RING PLIERS
(.038" Dia. Straight Tip)



J 6083
EXTERNAL
SNAP RING PLIERS
(.070" Dia. Straight Tip)



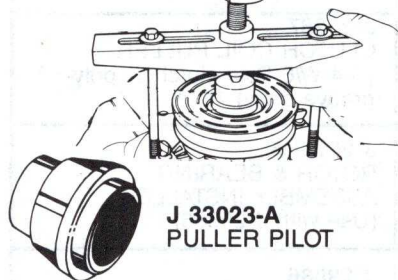
J 8433-1
PULLER BAR



J 8433-3
PULLER SCREW



J 33017
PULLEY &
BEARING
ASSEMBLY
INSTALLER



J 33023-A
PULLER PILOT

J 9398-A
PULLEY BEARING
REMOVER
(Use with J 29886)

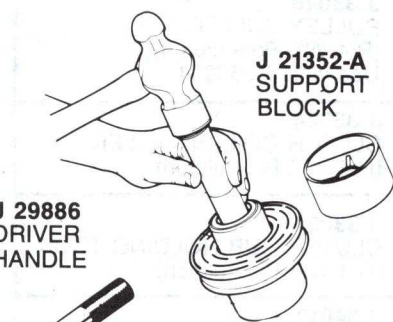


J 9481-A
PULLEY BEARING
INSTALLER
(Use with J 29886)



J 21352-A
SUPPORT
BLOCK

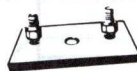
J 29886
DRIVER
HANDLE



J 9553-01
"O" RING
REMOVER



J 9625-A
PRESSURE TEST
PLATE



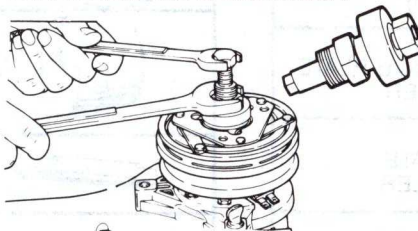
J 23128-A
SEAL SEAT REMOVER
AND INSTALLER
(Also removes one piece teflon
seal)



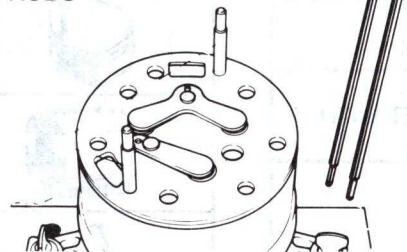
J 33011
"O" RING
INSTALLER



J 33013-B
HUB & DRIVE
PLATE REMOVE & INSTALLER



J 33016
CYLINDER ALIGNMENT
RODS



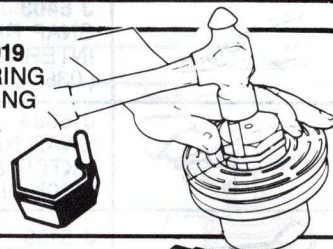
J 33018
SEAL ASSEMBLY
REMOVER &
INSTALLER



J 33021
SHAFT SEAL PROTECTOR
2 pc. Ceramic/
Carbon Seal
1982-85



J 33019
BEARING
STAKING
TOOL



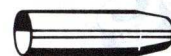
J 33020
PULLEY PULLER



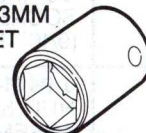
J 33026
COMPRESSOR
HOLDING
FIXTURE



J 33021
SHAFT SEAL
PROTECTOR



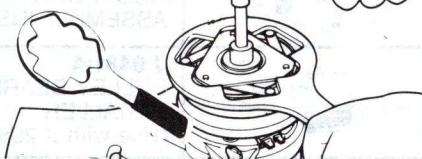
J 33022
6 PT. 13MM
SOCKET



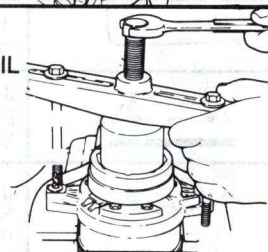
J 33023-A
PULLER PILOT



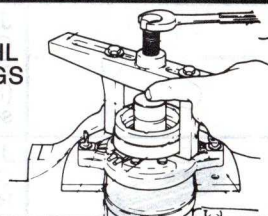
J 33027
CLUTCH HUB
HOLDING TOOL



J 33024
CLUTCH COIL
INSTALLER
ADAPTER



J 33025
CLUTCH COIL
PULLER LEGS



J 34614
SHAFT SEAL PROTECTOR
(Ultra smooth finish) - for
one piece teflon seals
1984 to current



TOOLS SHOWN ABOVE ALSO AVAILABLE INDIVIDUALLY

KENT-MOORE SPECIAL SERVICE TOOLS

GM V-5 COMPRESSOR

J 35610 GM V-5 COMPRESSOR TOOL KIT

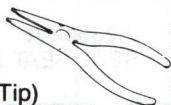


This kit includes all of the special tools required to service the V-5 Compressor. J 35610 includes all items shown on this page. All tools also available individually.

J 5403
INTERNAL SNAP
RING PLIERS
(.038" Dia. Straight Tip)



J 6083
EXTERNAL SNAP
RING PLIERS
(.070" Dia. Straight Tip)



J 8433-1
PULLER BAR



J 8433-3
PULLER SCREW



J 9398-A
PULLEY BEARING
REMOVER



J 9481-A
PULLEY BEARING
INSTALLER



J 21352-A
SUPPORT BLOCK



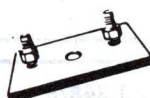
J 29886
DRIVER HANDLE



J 9553-01
"O" RING
REMOVER



J 9625-A
PRESSURE TEST
PLATE



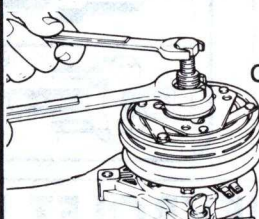
J 23128-A
SEAL REMOVER &
INSTALLER



J 33011
"O" RING
INSTALLER



J 33013-B
HUB & DRIVE PLATE
REMOVER & INSTALLER



J 34992
COMPRESSOR
HOLDING
FIXTURE

"PICTURE
NOT
AVAILABLE"

J 33017
PULLEY &
BEARING
ASSEMBLY
INSTALLER



J 33019
BEARING STAKING
TOOL



J 33020
PULLEY PULLER



J 33022
6 POINT 13MM
SOCKET



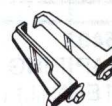
J 33023-A
PULLER PILOT



J 33024
CLUTCH COIL
INSTALLER
ADAPTER



J 33025
CLUTCH COIL
PULLER LEGS



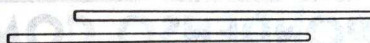
J 33027
CLUTCH HUB
HOLDING TOOL



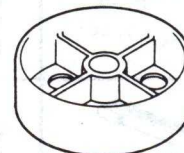
J 34614
SHAFT SEAL
PROTECTOR



J 34993
CYLINDER
ALIGNMENT RODS



J 35372
SUPPORT BLOCK



TOOLS SHOWN ABOVE ALSO AVAILABLE INDIVIDUALLY

AIR CONDITIONING

DIESEL KIKI COMPRESSOR-SPECTRUM

	J 5403 SNAP RING PLIERS (#21 INTERNAL) (.038" Dia. Straight Tip)
	J 6435 SNAP RING PLIERS (#26 EXTERNAL) (.115" Dia. Straight Tip)
	J 7624 CLUTCH DRIVE PLATE HOLDER
	J 8092 DRIVER HANDLE
	J 8433 COMPRESSOR PULLEY PULLER

	J 33940-A PULLEY AND BEARING ASSEMBLY INSTALLER
	J 33941-A SEAL REMOVER AND INSTALLER
	J 33942-A SEAL SEAT REMOVER
	J 33943-A PULLEY PULLER PILOT
	J 33944-A CLUTCH PLATE REMOVER

DIESEL KIKI COMPRESSOR-CHEVROLET LUV-BUICK OPEL

	J 5403 SNAP RING PLIERS (#21 INTERNAL) (.038" Dia. Straight Tip)
	J 6435 SNAP RING PLIERS (#26 EXTERNAL) (.115" Dia. Straight Tip)
	J 7624 CLUTCH DRIVE PLATE HOLDER
	J 8433 COMPRESSOR PULLEY PULLER
	J 9392-01 SHAFT SEAL REMOVER & INSTALLER
	J 9393-A SEAL SEAT REMOVER & INSTALLER

	J 9519-17 BEARING REMOVER
	J 26571 CLUTCH DRIVE PLATE PULLER
	J 26720-A PULLEY PULLER PILOT
	J 26723 COMPRESSOR HOLDING FIXTURE
	J 29751 LOCKNUT REMOVER

NIPPONDENSO COMPRESSOR-SPRINT

	J 7624 CLUTCH DRIVE PLATE HOLDER
	J 9393-A SEAL SEAT REMOVER

	J 34878 PRESSURE PLATE REMOVER
	J 34879 SHAFT SEAL REMOVER
	J 34880 KEY PRESSER

KENT-MOORE SPECIAL SERVICE TOOLS

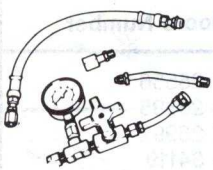

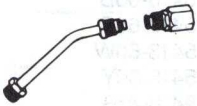
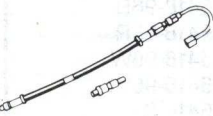


ROBINAIR TO KENT-MOORE CROSS REFERENCE

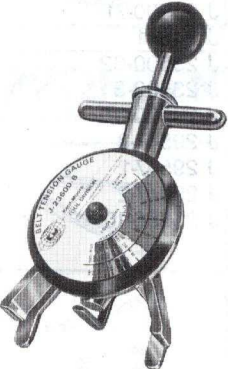
Robinair Number	Kent-Moore Number
10203	J 33883
10239	J 23600-B
10317	J 9625-A
10358	J 23678-D
10416	J 9399
10418	J 25030
10468	J 25498
10469	J 25499
10470	J 34122
10471	J 25031
10472	J 26271-A
10482	J 25008-A
10483	J 24895
10484	J 24896
10500	J 29888
10501	J 29884
10502	J 29885
10503	J 9392-01
10504	J 9401-A
10505	J 9480-B
10507	J 9393-A
10508	J 9553-01
10509	J 21508
10510	J 29887
10513	J 23128-A
10514	J 22974-A
10515	J 22132-02
10538	J 6084
10559	J 6105
10569	J 6742-03
10576	J 7605-03
10597	J 23640
10598	J 24182
10683	J 24340
10747	J 23500-68
10761	J 23500-57
10778	J 34123
10854	J 23500-01
10921	J 33027
10929	J 34019
10950	J 34125
10961	J 34124
10970	J 33775
10972	J 26549-D
10975	J 24410-A
10985	J 34000-A
10987	J 34611
11001	J 6271-01
11004	J 6272-02
11692	J 23500-51
11693	J 23500-79
12008	J 5453
12077	J 22555
12084	J 5421-02
13003	J 26695-5
14226	J 25563
14262	J 23500-78
14840	J 21213-A
14950-A	J 29547

Robinair Number	Kent-Moore Number
15002	J 25556
15095	J 26695
15096	J 26992
15100	J 34119
15101	J 24364-A
15102	J 26695-A
40031	J 5418-22W
40037	J 5418-36B
40042	J 5418-36R
40043	J 5418-36W
40044	J 5418-36Y
40050	J 5418-48B
40052	J 5418-48R
40053	J 5418-48W
40054	J 5418-48Y
40059	J 5418-60B
40060	J 5418-60R
40061	J 5418-60W
40062	J 5418-60Y
40064	J 5418-72B
40066	J 5418-72R
40067	J 5418-72W
40068	J 5418-72Y
40073	J 5418-96B
40074	J 5418-96R
40075	J 5418-96W
40076	J 5418-96Y
40082	J 5418-2
40083	J 5418-1
40114	J 23500-72
40138	J 23500-53
40155	J 23575-01
40560	J 5420
40563	J 9459
40653	J 25498-2
40677	J 25498-3
40680	J 33023-A
40682	J 29886
41064	J 33026
41065	J 33011
41066	J 21352-A
41067	J 33013
41068	J 33016
41070	J 33018
41071	J 33019
41072	J 33020
41074	J 33024
43287	J 23500-80
43291	J 23500-73
43584	J 23500-71
43678	J 24641
44362	J 23500-62
44703	J 23500-3
44704	J 23500-30
45102	J 29547-3
46450	J 29547-1
46451	J 29547-2
46930	J 25556-10

STEERING

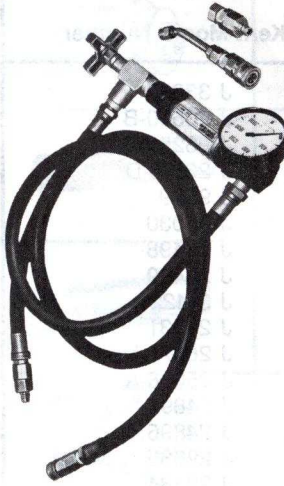
GENERAL DIAGNOSIS

	J 5176-D POWER STEERING PRESSURE TESTER 0-2000 P.S.I. - (Includes J 5176-5 & J 5176-20)
	J 5176-5 16MM POWER STEERING GAUGE ADAPTER (Used and included with J 5176-D) (O-Ring type fitting) / All GM 1980 to current front wheel drive with rack and pinion steering
	J 5176-20 18MM POWER STEERING GAUGE ADAPTER (Used and included with J 5176-D) All GM 1980 to current except front wheel drive with rack and pinion steering.
	J 5176-40 POWER STEERING GAUGE ADAPTER Chevrolet Luv 11 used with J 5176-D
	J 7715 UNIVERSAL PRESSURE GAUGE 0-2000 P.S.I. (Component of J 5176-D)
	J 22326 1965 THRU 1980 (Component of J 5176-D)



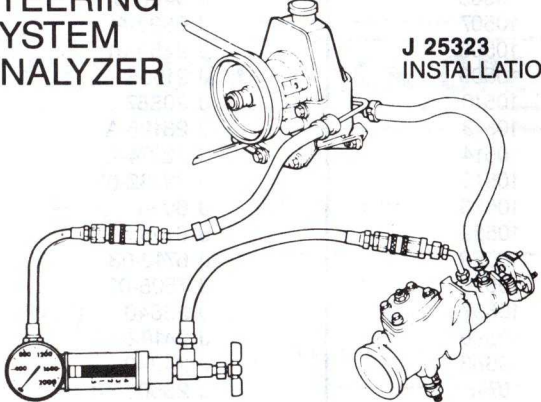
J 23600-B
BELT TENSION
GAUGE

J 23600-B is used to adjust accessory drive belt tension on all standard automotive applications. Correct tension increases belt and bearing life and improves accessory efficiency. The face of this gauge is color coded to give the operator a guide for proper tension. The dial range is 30 to 180 pounds and 130 to 800 Newtons (dual scale).








J 25323
POWER
STEERING
SYSTEM
ANALYZER

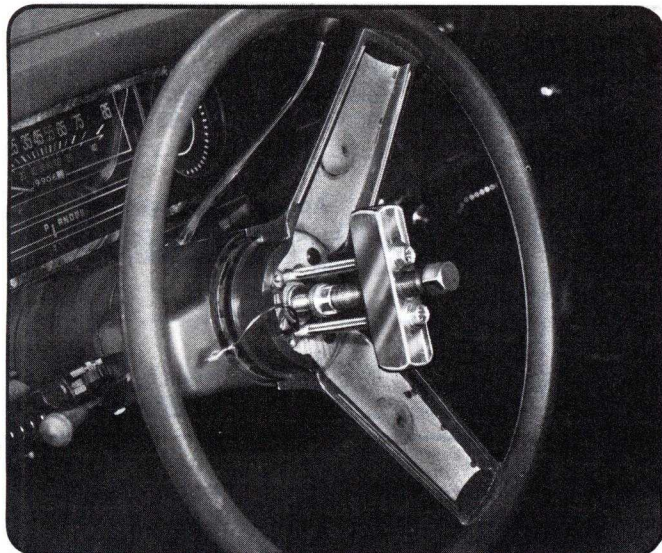
This test device measures both flow and pressure enabling the technician to quickly diagnose power steering system malfunctions. J 25323 is designed to be installed quickly and simply at either the pump output or steering gear input connection. Complete instructions for use and test specifications are included. Unit adapts to all standard GM flare type hydraulic line connectors. For "O" ring type fitting, and quick disconnect fitting see J 28579 and J 29525.



J 25323
INSTALLATION

	J 28579 POWER STEERING ANALYZER 16MM ADAPTER (Use with J 25323) / All GM 1980 to current front wheel drive with rack and pinion steering
	J 29525 POWER STEERING ANALYZER 18MM ADAPTER (Use with J 25323) / All GM 1980 to current except front wheel drive with rack and pinion steering
	J 29122 UNIVERSAL POWER STEERING LINE WRENCH (18mm - 3/8 dr.)
	J 29550 V-BELT TENSION GAUGE
	J 29661 UNIVERSAL BELT TENSION ADJUSTER

STEERING WHEEL



J 1859-03 STEERING WHEEL PULLER

This puller incorporates a center screw with a swivel to reduce required torque and a 4" wide slotted cross arm for maximum adjustment. Includes five sets of side screws in the sizes needed to adapt to most General Motors steering wheels. See Chart.

Included Side Screws

Number	Thread	Length
J 1859-10	5/16" - 18	4-1/2"
J 1859-20	5/16" - 24	3-1/2"
J 1859-30	3/8" - 16	4"
J 1859-60	1/4" - 28	3"
J 1859-80	M8 - 1.25	80 mm



J 2927-10
STEERING WHEEL PULLER
BOLTS Chevrolet Luv
sports wheel/Opel by Isuzu
1976-79 (8mm x 1.25 x 90mm-
Use with J 1859-03)



J 21686-01
STEERING WHEEL PULLER
Opel thru 1975



J 24292-B
STEERING WHEEL PULLER
Chevrolet Luv standard wheel



J 544-01
STEERING WHEEL TENSION
SCALE (0 - 4 lbs.)

STEERING COLUMN

J 23653-A LOCK PLATE COMPRESSOR



J 23653-A was designed to compress the steering column lock plate allowing the retaining ring to be easily removed. It also incorporates a tapered retaining ring expander to eliminate the possibility of over-expanding the ring during installation. Included are adapters for Metric and English steering shaft threads. This tool will remove and install any GM standard or tilt column lock plate from 1969 through current.

"PICTURE
NOT
AVAILABLE"

J 22569
SNAP RING REMOVER AND
INSTALLER
Standard steering column



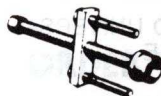
J 21854-01
PIVOT PIN REMOVER
(Tilt, tilt and telescopic)
All GM 1969 to Current



J 22635
LOCK SHOE AND RELEASE
LEVER PIN REMOVER AND
INSTALLER
(Tilt, tilt and telescopic)
All GM 1969 to Current



J 23063
LOCK PLATE COMPRESSOR
(Tilt and telescopic)
All GM 1969 to Current







J 23072
SHIFT TUBE REMOVER
(Tilt, tilt and telescopic)
All GM 1969 to Current



J 23073-01
SHIFT TUBE INSTALLER
(Tilt, tilt and telescopic)
All GM 1969 to Current

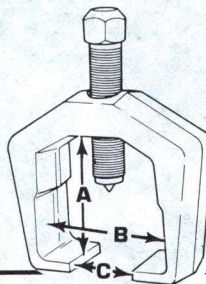
STEERING

POWER STEERING GEAR-605 MODEL

	J 4245 INTERNAL SNAP RING PLIER Straight .070" dia. tip
	J 6133-01 PITMAN SHAFT SEAL INSTALLER
	J 6217 VALVE CONNECTOR SEAT INSTALLER
	J 7754-01 TORQUE WRENCH (0 - 25 inch lbs., 0 - 5 N-M, 3/8" drive) (Use to adjust "over center" preload)

J 29107 PITMAN ARM PULLER

For use on the 605 Model
Power Steering Gear, J 29107
also has application on the
800-808 and the 535 Gear.




Approx Dimensions





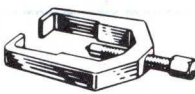

A 2 3/8"
B 2 1/2"
C 1 1/4"



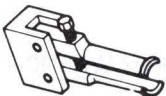


J 8810
PITMAN SHAFT BEARING
REMOVER & INSTALLER




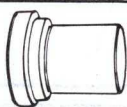
POWER STEERING GEAR 800-808 MODEL

	J 6219 PITMAN SHAFT OIL SEAL INSTALLER
	J 6221 ADJUSTER PLUG BEARING REMOVER AND INSTALLER
	J 6222-A ADJUSTER PLUG SEAL PROTECTOR
	J 6278 PITMAN SHAFT BEARING REMOVER AND INSTALLER
	J 6627-A TIE ROD PULLER
	J 7079-2 NON-THREADED UNIVERSAL DRIVER HANDLE
	J 7576 RACK PISTON TEFLON RING COMPRESSOR (Compressed size - 3.127")
	J 7624 BEARING PRELOAD SPANNER WRENCH

	J 8092 THREADED UNIVERSAL DRIVER HANDLE (3/4" - 10" thread)
	J 8524-1 ADJUSTER PLUG BEARING INSTALLER (Use with J 7079-2) light duty truck through 1982
	J 8947 RACK PISTON TEFLON RING COMPRESSOR (Compressed size 2.752")
	J 21552 RACK PISTON ARBOR
	J 22269-01 TIE ROD END INSTALLER
	J 22407 PITMAN SHAFT BEARING INSTALLER (Use with J 8092) / All with variable ratio universal steering linkage puller
	J 29107 UNIVERSAL PITMAN ARM PULLER
	J 29810 STUB SHAFT SEAL PROTECTOR All 3/4" shaft

STEERING GEAR-535 MODEL S & T TRUCK & M VAN

	J 5822 WORM BEARING ADJUSTER CUP PULLER (Use with J 2619-01)
	J 6219 PITMAN SHAFT SEAL INSTALLER
	J 6278 PITMAN SHAFT BEARING REMOVER




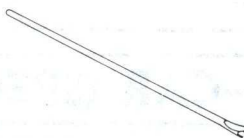
	J 8092 THREADED UNIVERSAL DRIVER HANDLE (3/4" - 10 thread)
	J 29107 PITMAN ARM PULLER
	J 35365 WORM BEARING CUP INSTALLER
	J 35469 PITMAN SHAFT BEARING INSTALLER


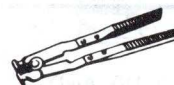



RACK & PINION A, X & FRONT WHEEL DRIVE C-CAR

J 6627-A TIE ROD PULLER



This puller has a one piece steel cast body and a forcing screw with a hardened steel end. J 6627-A easily slips into place and quickly removes all standard General Motors tie rods.

	J 29860 RACK PISTON SEAL PROTECTOR 1982 to Current
	J 33057 PINION AND VALVE ASSEMBLY TEFLON RING PROTECTOR (Featured on following page)
	J 34028 INNER TIE ROD WRENCH (Featured on page 27)
	J 34987 INNER RACK SEAL REMOVER (Featured on page 28)

	J 22269-01 TIE ROD END INSTALLER
	J 22610 SERVICE BOOT CLAMP INSTALLER
	J 28478-A OUTER RACK SEAL PROTECTOR
	J 28527 PINION SEAL INSTALLER
	J 29810 STUB SHAFT SEAL PROTECTOR

ORDER TODAY BY PHONE

1-800-345-2233




Michigan residents call (313) 774-9500



Hours: Mon-Fri.
8:00 am — 8:00 pm
E.S.T.

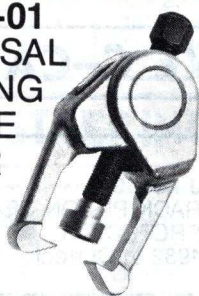
STEERING

RACK & PINION J & N-CAR

	J 6627-A TIE ROD PULLER
	J 22269-01 TIE ROD END INSTALLER
	J 22610 SERVICE BOOT CLAMP INSTALLER

	J 29811 RACK ASSEMBLY WRENCH
	J 29812 PISTON ROD SEAL PROTECTOR
	J 29822 PINION SEAL INSTALLER (Handling package only)

J 24319-01 UNIVERSAL STEERING LINKAGE PULLER



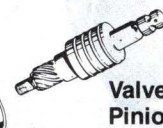
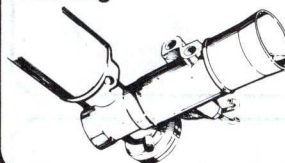
This heavy duty puller will remove all standard General Motors steering linkage. The center screw has a cupped swivel end which reduces required torque and keeps the tool centered during operation.

J 33057 PINION AND VALVE ASSEMBLY TEFLON RING PROTECTOR




This new tool is designed to fit into the valve bore and compress the pinion and valve assembly teflon seal rings during installation of this assembly. This tool can be used on any General Motors Power Rack and Pinion.

Rack and Pinion
Housing

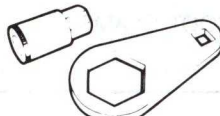



Valve and
Pinion Assembly



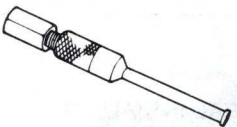
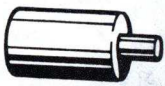
	J 28527 PINION SEAL INSTALLER (Without handling package)
	J 29809 TIE ROD PIVOT BUSHING REMOVER AND INSTALLER
	J 29810 STUB SHAFT SEAL PROTECTOR

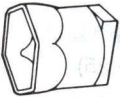

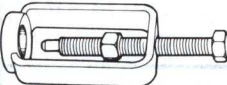

RACK & PINION R-CAR (SPECTRUM)

	J 7079-2 NON-THREADED UNIVERSAL DRIVER HANDLE
	J 33997-100 POWER STEERING REPAIR KIT (Includes J 33997-2 seal ring installer A, -3 seal ring installer B, -4 oil seal remover and installer, -5 stub shaft seal ring compressor, -6 piston seal ring compressor, -7 stub shaft oil seal installer, -8 sleeve seal ring compressor, -15 storage case)






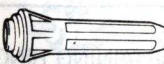

	J 35309 ADJUSTING PLUG AND LOCKNUT WRENCH
	J 35527 RACK SHAFT SEAL REMOVER




RACK & PINION M-CAR (SPRINT)

	J 7079-2 NON-THREADED UNIVERSAL DRIVER HANDLE
	J 23907 SLIDE HAMMER
	J 34839 PINION BEARING REMOVER (Used with J 23907 slide hammer)
	J 34840 PINION BEARING INSTALLER (Used with J 7079-2 driver handle)

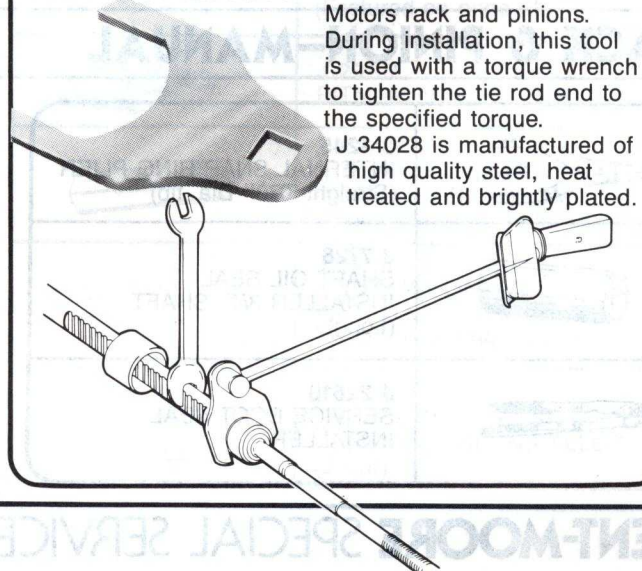
	J 34859 PINION BEARING PLUG SOCKET (43mm)
	J 34868 RACK BUSHING INSTALLER
	J 34869 RACK BUSHING REMOVER (Use with J 23907)
	J 34871-A PINION SOCKET

RACK & PINION T-CAR

	J 6627-A TIE ROD PULLER (Featured on page 25)
	J 22269-01 TIE ROD END INSTALLER
	J 22610 SERVICE BOOT CLAMP INSTALLER
	J 24319-01 UNIVERSAL STEERING LINKAGE PULLER (Featured on page 26)
	J 28527 PINION SEAL INSTALLER
	J 29706 OUTER RACK SEAL INSTALLER
	J 29707 INNER AND OUTER RACK SEAL INSTALLER

	J 29708-A RACK PISTON TEFLON SEAL PROTECTOR
	J 33057 PINION AND VALVE ASSEMBLY TEFLON RING PROTECTOR (Featured on page 26)
	J 34987 INNER RACK SEAL REMOVER (Featured on page 28)







J 34028 INNER TIE ROD WRENCH



J 34028 was specifically designed to remove and install the inner tie rods on all end take-off General Motors rack and pinions. During installation, this tool is used with a torque wrench to tighten the tie rod end to the specified torque. J 34028 is manufactured of high quality steel, heat treated and brightly plated.






STEERING

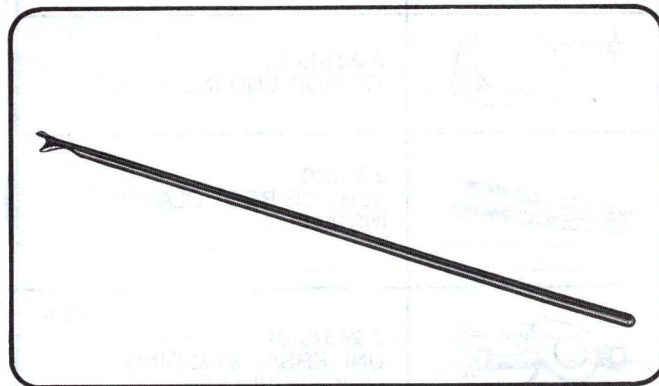
RACK & PINION Y-CAR (CORVETTE 1984 TO CURRENT)

	J 6627-A TIE ROD PULLER (Featured on page 25)
	J 22269-01 TIE ROD END INSTALLER
	J 22610 SERVICE BOOT CLAMP INSTALLER
	J 24319-01 UNIVERSAL STEERING LINKAGE (Featured on page 26)
	J 28478-A OUTER RACK SEAL PROTECTOR
	J 28527 PINION SEAL INSTALLER




J 34987 INNER RACK SEAL REMOVER

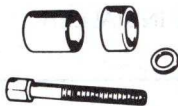


This new improved design is used with a hammer to flip the seal 90° in the rack bore and slide it down and out of the rack. J 34987 will remove the inner rack seals on all General Motors end take-off power rack and pinions. This tool supercedes J 29738-A.

	J 29708-A RACK PISTON TEFLON SEAL PROTECTOR
	J 29810 STUB SHAFT SEAL PROTECTOR
	J 29822 PINION SEAL INSTALLER
	J 33057 PINION AND VALVE ASSEMBLY TEFLON RING PROTECTOR (Featured on page 26)
	J 34028 INNER TIE ROD WRENCH (Featured on page 27)







RACK & PINION-MANUAL

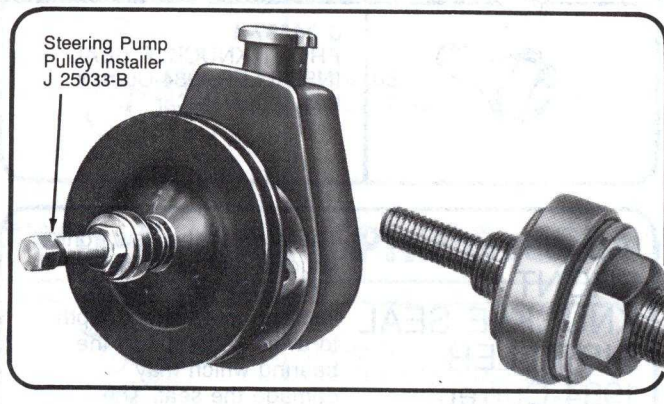
	J 4245 INTERNAL SNAP RING PLIER (Straight .070" Dia. tip)
	J 7728 SHAFT OIL SEAL INSTALLER 3/4" SHAFT (Long)
	J 22610 SERVICE BOOT SEAL INSTALLER

	J 29809 TIE ROD PIVOT BUSHING REMOVER & INSTALLER (J-Car)
	J 29823 INTERNAL RETAINING RING REMOVER (J-Car)
	J 34028 INNER TIE ROD WRENCH All but J & N Car. (Featured on page 27)

POWER STEERING PUMP

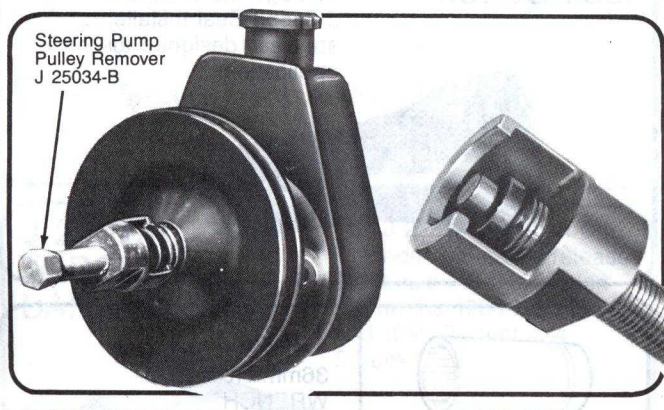
	J 8433 CAST PULLEY REMOVER Chevrolet 1967 - 1974
	J 21239 STAMPED PULLEY REMOVER Chevrolet 1967 - 1974

	J 22616 SHAFT SEAL PROTECTOR All GM
	J 22670 SHAFT OIL SEAL INSTALLER 3/4" SHAFT (Short)



J 25033-B POWER STEERING PUMP PULLEY INSTALLER




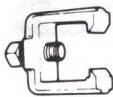
J 25033-B is used on all General Motors passenger cars and light duty trucks with a pressed on power steering pump pulley. Installation of the pulley with J 25033-B prevents damage to the pulley and the internal pump components. Includes J 23444-A High Pressure Lubricant.








J 25034-B POWER STEERING PUMP PULLEY REMOVER

J 25034-B is used on all General Motors passenger cars and light duty trucks which have a pressed on power steering pump pulley. Removal of the pulley with J 25034-B prevents damage to the pulley or the internal pump components. Includes J 23444-A High Pressure Lubricant.

STEERING LINKAGE

	J 6627-A TIE ROD PULLER (Featured on page 25) Chevrolet, Pontiac, Oldsmobile & Buick
	J 6632-01 PITMAN ARM PULLER
	J 9172 PITMAN ARM PULLER
	J 21687-02 BALL STUD REMOVER (Opel Kadett, Opel Isuzu, Chevrolet Luv) TIE ROD END REMOVER (M-Car)

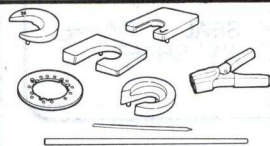
	J 24319-01 UNIVERSAL STEERING LINKAGE PULLER (Featured on page 26)
	J 29107 PITMAN ARM PULLER
	J 29193 STEERING LINKAGE INSTALLER (12mm) GM Torque prevailing nuts
	J 29194 STEERING LINKAGE INSTALLER (14mm) GM Torque prevailing nuts
	J 29809 TIE ROD PIVOT BUSHING REMOVER AND INSTALLER (J Car)

SUSPENSION

FWD-A & X CARS (SPRING, STRUT, BALL JOINT & HUB)



J 6627-A
WHEEL STUD REMOVER



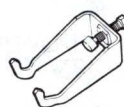
J 26584-500
STRUT COMPRESSOR
ADAPTER SET
Use with J 26584



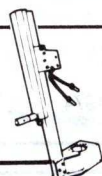
J 28671
FRONT INNER HUB SEAL
INSTALLER/1980-1983

J 28733
FRONT HUB
SPINDLE
REMOVER

This tool enables the technician to remove the front hub from the axle shaft on A, X, J, N, C & E-Cars without removing any components from the front suspension.



J 29862
CAMBER ADJUSTMENT
TOOL



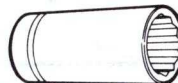
J 34013-A
STRUT COMPRESSOR
(Use with J 3289-20)



J 34657-A
FRONT KNUCKLE SEAL
INSTALLER/1984-Current
heavy duty A-Car

J 34658
FRONT
KNUCKLE SEAL
INSTALLER
1984-Current

The seal for the new front knuckle on the "A" and "X" series cars must be installed to an exact depth to avoid contact with the bearing which may damage the seal. The J 34658 Seal Installer is specially designed for this application.



J 34826
36mm HUB NUT
WRENCH

FWD-C-CAR (SPRING, STRUT, BALL JOINT & HUB)



J 6627-A
WHEEL STUD REMOVER



J 23028-01
REAR COIL SPRING
REMOVER & INSTALLER
Use with transmission jack



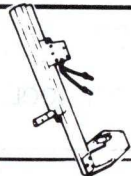


J 28733
FRONT HUB SPINDLE
REMOVER
(Featured above)


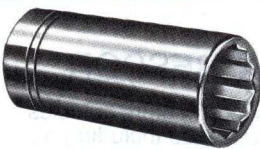
J 29862
CAMBER
ADJUSTMENT
TOOL

This tool allows the technician to precisely control the movement of the lower strut mount while performing camber adjustment on P-Cars and Front Wheel Drive A, X, C, J & N Cars. J 29862 is required on the C-Car due to the vehicle weight.





FWD-C-CAR (SPRING, STRUT, BALL JOINT & HUB) (CONTINUED)




	J 34013-A STRUT COMPRESSOR (Use with J 3289-20)
	J 34161 HUB BOLT WRENCH #55 TORX
	J 34505 BALL JOINT SEPARATOR

	J 34657-A FRONT KNUCKLE SEAL INSTALLER
	J 34826 36MM HUB NUT WRENCH This 1/2" drive 36mm deep socket will remove and install the front hub nut on Front Wheel Drive C-Cars and Heavy-Duty A-Cars.



FWD-E-CAR (SPRING, STRUT, BALL JOINT & HUB)

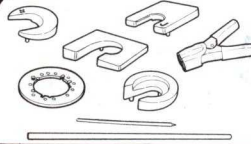

	J 6627-A WHEEL STUD REMOVER
	J 22214-02 FRONT HUB BEARING REMOVER 1966-1978 E-Car

	J 22517-C TORSION BAR UNLOADER The J 22517-C Torsion Bar Unloader will safely release the tension of the tension bar on the 1966-1985 E-Car and 1983-Current 4X4 S-Truck.
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	J 23115 FRONT KNUCKLE INNER SEAL INSTALLER 1969-1978
	J 28574 FRONT KNUCKLE INNER SEAL INSTALLER 1979-1985
	J 28733 FRONT HUB SPINDLE REMOVER 1979-1985 (Featured on pg 30)

FWD-J & N CARS (SPRING, STRUT, BALL JOINT & HUB)

	J 6627-A WHEEL STUD REMOVER
	J 22388 INNER HUB SEAL INSTALLER

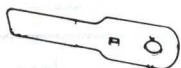
	J 26584-500 STRUT COMPRESSOR ADAPTER SET (Use with J 26584)
	J 28733 FRONT HUB SPINDLE REMOVER (Featured on pg 30)

SUSPENSION

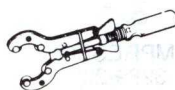
FWD J & N CARS (SPRING, STRUT, BALL JOINT & HUB) (CONTINUED)



J 29330
BALL JOINT SEPARATOR



J 29778-A
STRUT CARTRIDGE
WRENCH



J 29800
STRUT CUT-OFF TOOL



J 29862
CAMBER ADJUSTMENT
TOOL

J 34013-A STRUT SPRING COMPRESSOR

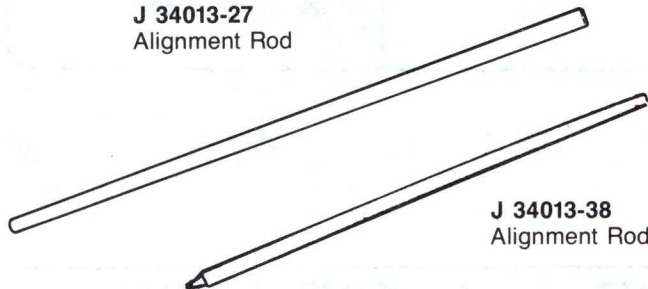
The struts on 1984 and newer General Motors vehicles incorporate a number of design changes including a deflector and large diameter springs. The design of the new struts lead to the development of the J 34013-A Strut Spring Compressor.

The J 34013-A Strut Spring Compressor has been designed to compress all General Motors Struts without the use of adapters. J 34013-A was designed to incorporate the innovative features of the previously released Strut Compressor in addition to the following:

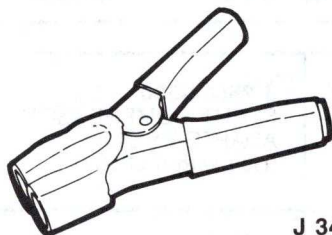
- NO adapters required.
 - Conveniently mounts in the J 3289-20 Holding Fixture Base (not included).
 - Compresses all GM Struts.
 - Heavy Duty design.
 - Designed for use with an air ratchet.
- Complete operating instructions included.

Includes:

J 34013-27
Alignment Rod

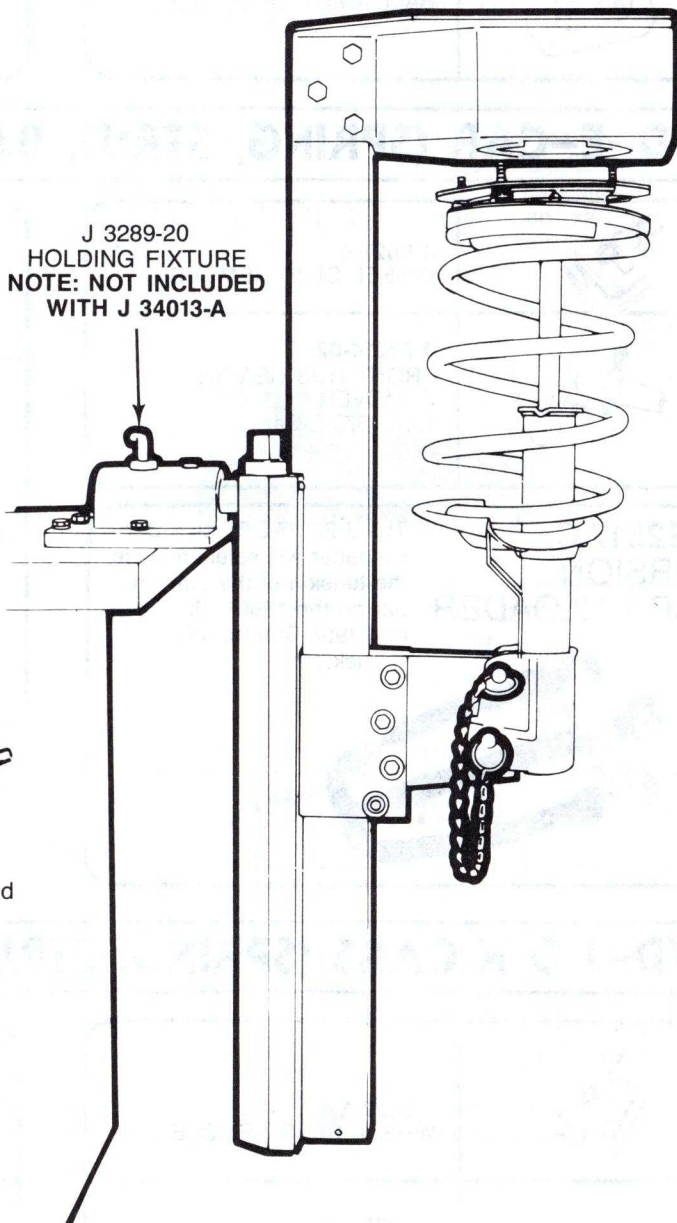


J 34013-38
Alignment Rod



J 34013-20
Damper Rod Clamp

J 3289-20
HOLDING FIXTURE
NOTE: NOT INCLUDED
WITH J 34013-A



FWD M-CAR (SPRING, STRUT, BALL JOINT & HUB)

J 26584-500 STRUT COMPRESSOR ADAPTER SET

This adapter set is used with the previously available J 26584 Strut Compressor to compress all GM Front Wheel Drive struts except C-Car.

NOTE: J 26584 is no longer available. For complete strut service J 34013-A is required.

Includes:

Alignment Rods

- J 26584-27 1980 X-Car
- J 26584-452 S-Car (Nova)
- J 34013-27 All A, J, N, P & X Cars except 1980 X-Car
- J 34013-48 M & R Car

Bottom Adapters

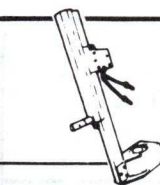
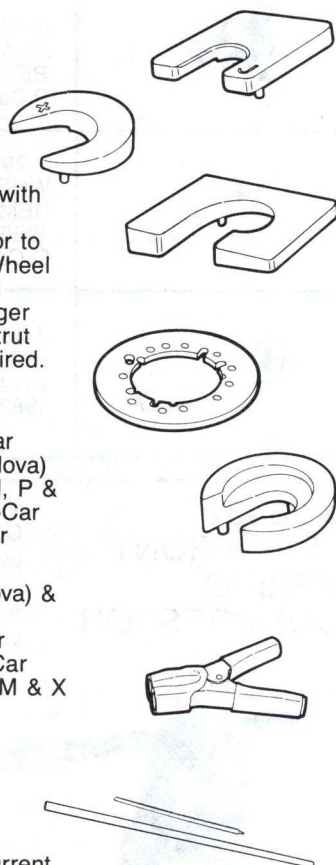
- J 26584-86 S-Car (Nova) & 1982 & 83 J-Car
- J 26584-89 A & X Car through 1983 & all P-Car
- J 26584-400 A, J, N, M & X Car 1984 to current
- J 26584-444 R-Car

Top Adapter

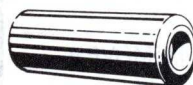
- J 26584-450 All

Shaft Holder

- J 34013-20 1984 to current A & X Car



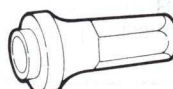
J 34013-A
STRUT COMPRESSOR
(Use with J 3289-20)
(Featured on page 32)



J 34856
FRONT WHEEL BEARING
INSTALLER

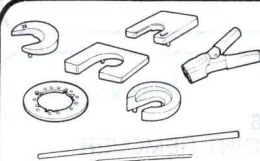


J 34866
FRONT HUB AND REAR
BRAKE DRUM REMOVER

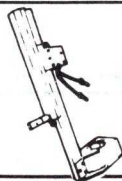


J 34881
FRONT KNUCKLE SEAL
INSTALLER

FWD R-CAR (SPRING, STRUT, BALL JOINT & HUB)



J 26584-500
STRUT COMPRESSOR
ADAPTER SET
(Featured above)



J 34013-A
STRUT COMPRESSOR
(Use with J 3289-20)



J 34866
FRONT HUB AND REAR
BRAKE DRUM REMOVER



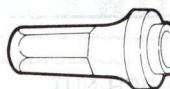
J 35301
FRONT HUB INNER
BEARING RACE REMOVER
& INSTALLER



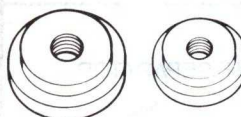
J 35302
FRONT HUB BEARING
SUPPORT



J 35303
FRONT HUB OIL SEAL
INSTALLER



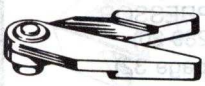



J 35305-A
REAR HUB OIL SEAL
INSTALLER



J 35307
REAR HUB INNER &
OUTER BEARING
INSTALLER

SUSPENSION



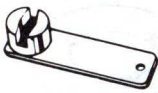
RWD ALL MODELS

	J 3940 WHEEL BEARING CUP REMOVER Universal
	J 6627-A WHEEL STUD REMOVER
	J 9519-D BALL JOINT REMOVER AND INSTALLER Except T-Car
	J 23028-01 COIL SPRING REMOVER AND INSTALLER (Use with transmission jack)

J 23742 BALL JOINT SEPARATOR

The upper and lower ball joints on all General Motors Rear Wheel Drive vehicles, except F, P and T-Cars, can be easily removed using the J 23742 Ball Joint Separator.




	J 28733 REAR HUB SPINDLE REMOVER P-Car
	J 29117-A WHEEL BEARING CUP REMOVER 1980-1985 B Car, 1980 A & F Car, 1980-84 C Car
	J 33093 RELAY ROD ADJUSTMENT GAUGE 1982 to Current F-Car

J 33432 LEAF FRONT SPRING COMPRESSOR

The J 33432 Leaf Spring Compressor is required to compress the front transverse spring prior to removal on the 1984 to current Corvettes.






	J 33436 BALL JOINT REMOVER 1984-Current Corvette
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J 29724 CAMBER ADJUSTING TOOL

1982 to Current
F-Car



	J 24292-B BALL JOINT REMOVER 1982-Current F-Car
	J 25591 SHOCK ABSORBER NUT WRENCH
	J 26407 BALL JOINT SEPARATOR T-Car & P-Car

RWD TRUCKS-BALL JOINT & HUB

J 6627-A
WHEEL STUD REMOVER



J 6893-D
WHEEL BEARING
NUT WRENCH
4X4
1/2 and 3/4 Ton
This spanner type wrench can be used on all 1/2 and 3/4 ton four wheel drive front axle wheel bearing nuts. J 6893-D will withstand the new higher torque requirement of 160 foot pounds.



CONTROL ARM BUSHINGS-A & X CAR FWD

J 22517-C TORSION BAR UNLOADER 4X4 T - Truck	
J 23454-D BALL JOINT REMOVER AND INSTALLER 4X4 K - Truck	
J 25510 WHEEL BEARING NUT WRENCH P-Series with 4 wheel Disc Brakes	
J 28574 KNUCKLE SEAL INSTALLER 1983-Current S-Truck	
J 34026 BALL JOINT SEPARATOR 4X4 T - Truck	

J 9519-D BALL JOINT REMOVER Use with J 28685	
J 21474-5 RECEIVER	
J 21474-18 3/8" NUT	
J 21474-19 3/8" BOLT	

J 21474-20 BUSHING INSTALLER	
J 21474-24 BUSHING REMOVER	
J 21474-25 BUSHING SPACER	
J 28685 REAR SUSPENSION BUSHING REMOVER & INSTALLER (Use with J 9519-D)	





CONTROL ARM BUSHINGS - C-CAR FWD




J 21474-13 CONTROL ARM BUSHING INSTALLER	
J 21474-18 3/8" NUT	

J 21474-4 NUT	
J 21474-5 RECEIVER	

SUSPENSION

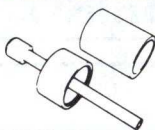
CONTROL ARM BUSHINGS—C-CAR FWD (CONTINUED)

	J 21474-19 3/8" BOLT
	J 22222-2 BUSHING REMOVER
	J 22222-5 CONTROL ARM SPACER
	J 25317-2 BUSHING REMOVER

	J 28685-2 INSTALLER
	J 29376-7 END CAP
	J 33793-5 CONTROL ARM SPACER

CONTROL ARM BUSHINGS – J & N CAR FWD



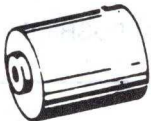
	J 29376 REAR CONTROL ARM BUSHING SERVICE SET
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	J 29792 FRONT CONTROL ARM BUSHING SERVICE SET
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CONTROL ARM BUSHINGS – M-CAR

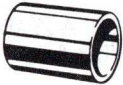

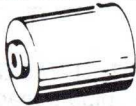


	J 34865 CONTROL ARM BUSHING SERVICE SET
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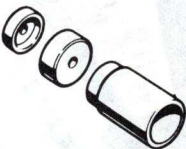

CONTROL ARM BUSHINGS – T-TRUCK (4X4)

	J 21474-3 SCREW ASSEMBLY
	J 21474-4 NUT
	J 21474-16 BUSHING RECEIVER

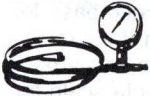
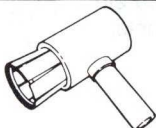
	J 21474-18 3/8" NUT
	J 21474-19 3/8" BOLT
	J 33793 CONTROL ARM BUSHING SERVICE SET

GENERAL SERVICE

	J 21058 FRONT LOWER CONTROL ARM BUSHING REMOVER & INSTALLER 1964-1976 10-30 Series light truck
	J 21474-01 CONTROL ARM BUSHING SERVICE SET 1964-1977 Includes: J 21474-1, -2, -3, -4, -5, -6, -8, -12, -13
	J 21474-16 BUSHING RECEIVER All 1965-current
	J 21474-18 3/8" NUT All 1978-current
	J 21474-19 3/8" BOLT All 1978-current


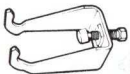
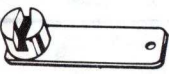

	J 21474-20 BUSHING INSTALLER 1978-Current A & F Car
	J 21474-23 BUSHING REMOVER 1982-Current F-Car, 1978-1980 A-Car
	J 22553-01 REAR LEAF SPRING BUSHING REMOVER AND INSTALLER 1975-1979 Seville, 1967-1979 X-Car, 1967-1981 F-Car
	J 22899 LOWER CONTROL ARM SPACER 1978-80 A-Car, 1981-current F-Car

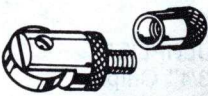
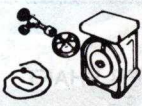


ELECTRONIC LEVEL CONTROL

	J 22124-A PRESSURE GAUGE (0-300 P.S.I.)
	J 34649 AIR BLADDER SEALING RING COMPRESSOR/C-Car Patent Pending

	J 34825 ELC TESTER The J 34825 is a valuable test unit for technicians who want to quickly diagnose the electronic level control system on 1978 to Current General Motors vehicles (except manual height control valve systems).
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WHEELS TIRES AND ALIGNMENT

	J 29724 CAMBER ADJUSTING TOOL (Featured on page 34)
	J 29862 CAMBER ADJUSTING TOOL All A, X, J, N, C & P-Cars
	J 33093 RELAY ROD ADJUSTMENT GAUGE 1982 to Current F-Car
	J 6627-A WHEEL STUD REMOVER

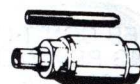
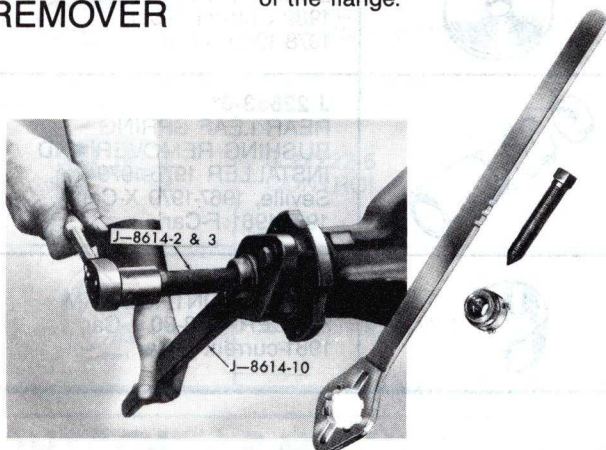
	J 23672 RADIAL RUN-OUT ADAPTER
	J 26696-A CO ² TIRE INFLATOR REFILLING TOOL
	J 26891 CO ² TIRE INFLATOR ADAPTER
	J 28457 WIRE WHEEL SPOKE WRENCH 1978 to Current Cadillac

DRIVE AXLE

PROP SHAFT & COMPANION FLANGE

J 8614-01 COMPANION FLANGE HOLDER & REMOVER

Tool has long handle for holding flange while pinion nut is tightened. Special nut and forcing screw also permits pressing pinion out of the flange.



J 23996
C.V. JOINT REPLACEABLE
BALL REMOVER &
INSTALLER



J 25512
C.V. PROPELLER SHAFT
LUBE GUN
(With J 25512-2 needle
point)



J 25512-2
NEEDLE POINT GREASER
(Adapts to 1/8" pipe thread)



J 34601
COMPANION FLANGE
RUNOUT GAUGE
7-1/2" Axle, 7-5/8" Axle,
8-1/2" Axle
(Use with J 23409)



J 9522-3
"U" JOINT BEARING
SEPARATOR



J 9522-5
"U" JOINT BEARING
SPACER REMOVER
(Use with J 9522-3)



J 23409
DIAL INDICATOR
EXTENSION AND
SUPPORT

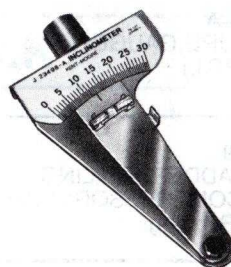


J 23410
TORQUE MULTIPLIER
1/2" Input - 3/4" Output
1000 ft. lbs.



J 23694
C.V. PROPELLER SHAFT
SEAL INSTALLER

J 23498-A DRIVESHAFT INCLINOMETER



The measurement of driveshaft universal joint angles is made accurate [$\pm 1/2^\circ$] and easy with the use of J 23498-A. The tool has a magnetic base for mounting on the joint bearing caps and a bubble level and angle scale for making accurate measurements.

J 23498-20 DRIVESHAFT INCLINOMETER ADAPTER


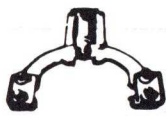



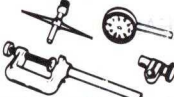


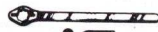


This adapter is required if there is a cross frame directly under the prop shaft bearing. Used with J 23498-A.

**KENT-MOORE...QUALITY TOOLS
FOR SPECIAL NEEDS**

KENT-MOORE SPECIAL SERVICE TOOLS

REAR AXLE-GENERAL & MISC

	J 2619-01 SLIDE HAMMER 5/8"—18 & 1/2"—13 Thread
	J 3289-01 AXLE HOUSING BENCH HOLDING FIXTURE
	J 3940 UNIVERSAL BEARING CUP REMOVER (Truck)
	J 5853-B TORQUE WRENCH (0-.250" lb.) 3/8" Drive
	J 6627-A WHEEL STUD REMOVER
	J 8001 DIAL INDICATOR SET (Use with J 25025-B Stand Set) .001 inch graduations
	J 8092 THREADED DRIVER HANDLE (3/4"—10 Thread)
	J 8119-01 AXLE BEARING PULLER
	J 8614-01 COMPANION FLANGE HOLDER & REMOVER (Featured on page 38)

J 21579 AXLE SHAFT REMOVER

This tool attaches to either a four or five stud axle shaft. Attach a J 2619-01 Slide Hammer and pull shaft from housing.



J 22888-D SIDE BEARING REMOVER

The design of the differential side bearing case exposes only a minimum area of the inner race. The J 22888-D puller jaws engage the bearing inner race through this small area making the bearing removal a quick and easy job.



J 22932
PINION HOLDING
WRENCH
(1968-75 Opel)

J 33067 WHEEL BEARING PACKER

This universal wheel bearing packer is designed to pack up to 65 tapered roller bearings with one filling in a clean 4 second operation. It efficiently forces out the old grease and replaces it with the new. J 33067 is designed with many unique features such as a transparent high impact resistant LEXAN® grease reservoir.







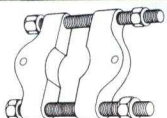


TO ORDER CALL:





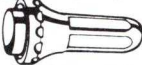

1-800-345-2233

Michigan residents call (313) 774-9500



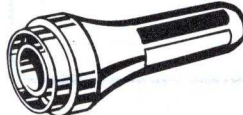

DRIVE AXLE





REAR AXLE-CHEVETTE/T-1000

	J 5590 REAR PINION BEARING CONE INSTALLER
	J 8611-01 REAR PINION BEARING CUP INSTALLER
	J 8614-01 PINION FLANGE REMOVER
	J 22399-A PINION SPLINE HOLDER
	J 22912-01 REAR PINION BEARING CONE REMOVER
	J 22922 AXLE SHAFT SEAL INSTALLER
	J 23598 SIDE BEARING REMOVER PLUG (Use with J 25031)

	J 25031 DIFFERENTIAL SIDE BEARING REMOVER
	J 25589 FRONT PINION BEARING CUP INSTALLER
	J 25593 AXLE SHAFT BEARING REMOVER (Use with J 2619-01)
	J 25594 AXLE BEARING INSTALLER
	J 25597 PINION OIL SEAL INSTALLER
	J 25599 SPLINED DRIVE COUPLING REMOVER

REAR AXLE-CHEVROLET LUV

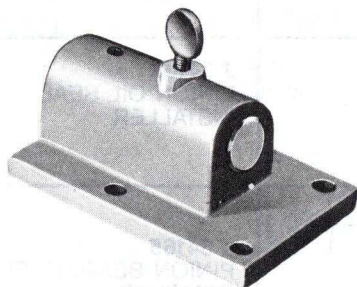
	J 24244 DIFFERENTIAL SIDE BEARING INSTALLER
	J 24246 AXLE SHAFT STUD WRENCH
	J 24250 PINION OIL SEAL INSTALLER
	J 24252 PINION BEARING INSTALLER

	J 24254 AXLE SHAFT SEAL INSTALLER
	J 24255 AXLE SHAFT SEAL INSTALLER
	J 24256-A PINION BEARING INSTALLER
	J 24259 AXLE SHAFT BEARING CUP INSTALLER

**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

REAR AXLE—CORVETTE 1963–79

J 3289-20 CARRIER HOLDING FIXTURE— BENCH MOUNT



J 8611-01 FRONT PINION BEARING CUP INSTALLER



J 8107-4 DIFFERENTIAL SIDE BEARING REMOVER PLUG



J 8608 REAR PINION BEARING CUP INSTALLER



J 8609-01 REAR PINION BEARING CONE INSTALLER



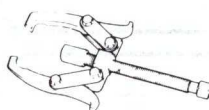
J 8614-01 PINION FLANGE REMOVER



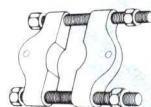
J 22175-A DIFFERENTIAL SIDE BEARING INSTALLER



J 22836 PINION SEAL INSTALLER



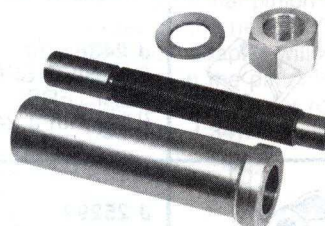
J 22888 DIFFERENTIAL SIDE BEARING REMOVER



J 22912-01 REAR PINION BEARING CONE REMOVER

J 24490 SIDE GEAR YOKE BEARING INSTALLER

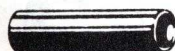
The inner race on the outer wheel bearing can now be installed after the outer seal and the spindle are in the spindle support.



REAR AXLE—CORVETTE 1984 TO CURRENT (MODEL 36)



J 3289-20 CARRIER HOLDING FIXTURE—BENCH MOUNT (Use with J 34162)



J 5590 PINION BEARING CONE INSTALLER



J 6125-1B SLIDE HAMMER (Use with J 23129)



J 7817 OUTER PINION BEARING CUP INSTALLER





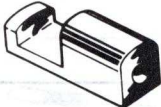
J 7818 INNER PINION BEARING CUP INSTALLER



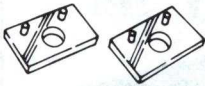




J 8107-2 SIDE BEARING PULLER PLUG (Use with J 34168)

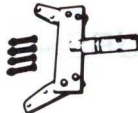
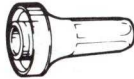
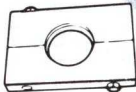








DRIVE AXLE

REAR AXLE—CORVETTE 1984 TO CURRENT (MODEL 36) (CONTINUE)

	J 8592 LONG DRIVER HANDLE (Use with J 34171) (3/4"—10 Thread)
	J 8614-01 PINION FLANGE HOLDER
	J 23129 PINION OIL SEAL REMOVER (Use with J 6125-1B)

J 24385-01 CARRIER SPREADER	
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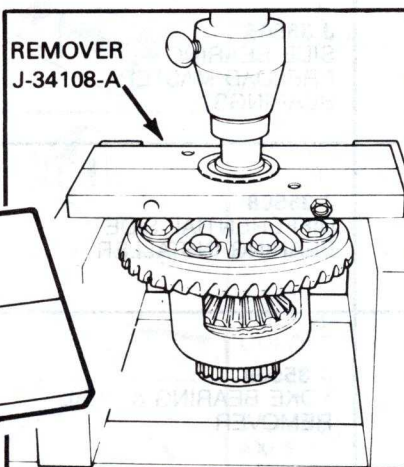
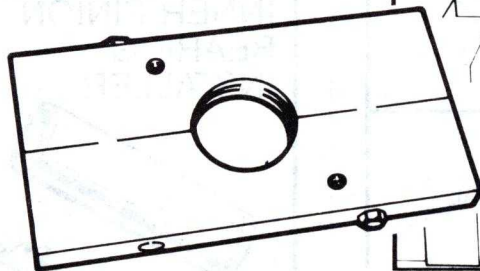
	J 24385-20 CARRIER SPREADER ADAPTERS (Use with J 24385-01)
	J 25299 DIFFERENTIAL SIDE BEARING INSTALLER
	J 26938 YOKE SEAL INSTALLER
	J 29358 INNER PINION BEARING CUP REMOVER
	J 29359 OUTER PINION BEARING CUP REMOVER

	J 34162 CARRIER BENCH FIXTURE (Use with J 3289-20)
	J 34163 PINION OIL SEAL INSTALLER
	J 34165 PINION BEARING CONE REMOVER
	J 34168 DIFFERENTIAL SIDE BEARING REMOVER
	J 34170 SIDE BEARING PRELOAD MASTER BEARINGS
	J 34171 YORK SEAL & BEARING REMOVER (Use with J 8592 handle)
	J 34172 YOKE BEARING INSTALLER
	J 34174 POSITRACTION UNLOADING TOOL
	J 34178 CARRIER SPREADER GAUGE ADAPTER (Use with J 8001)
	J 34179 PINION FLANGE SHOULDER BOLTS (Use with J 8614-01)
	J 34197 DIFFERENTIAL COVER BUSHING REMOVER AND INSTALLER

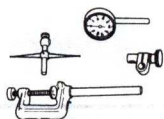
REAR AXLE-CORVETTE 1985 TO CURRENT (MODEL 44)

J 34108-A DIFFERENTIAL SIDE BEARING REMOVER

The new axle in the 1985 Corvette has larger side bearings that require this tool for removal. J 34108-A is long enough to use in a press or a crossbar puller can be used with J 8107-4 Plug used as a center point.



REMOVER
J-34108-A



J 8001
DIAL INDICATOR SET
(Use with J 34178)



J 34178
CARRIER SPREADER
GAUGE ADAPTER
(Use with J 8001)



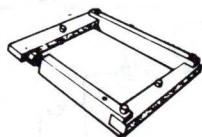
J 34197
DIFFERENTIAL COVER
BUSHING REMOVER AND
INSTALLER



J 8592
LONG DRIVER HANDLE
(Use with J 35502)
(3/4"-10 Thread)



J 8614-01
PINION FLANGE
HOLDER



J 24385-01
DIFFERENTIAL CARRIER
SPREADER



J 34108-A
DIFFERENTIAL SIDE
BEARING REMOVER



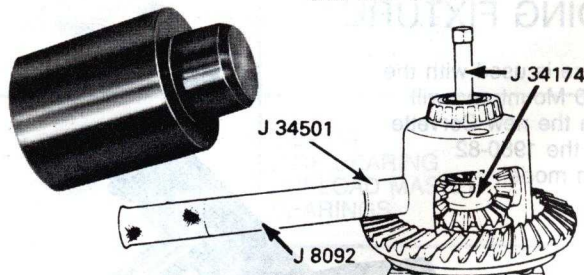
J 34161
REAR HUB DRIVE TORX
#55



J 34174
POSITRACTION
UNLOADING TOOL

J 34501 POSITRACTION SERVICE ADAPTER

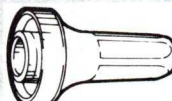
The differential pinion shaft is larger on the new 1985 axle. This new adapter will fit securely in the pinion shaft hole for easy carrier rotation. Use with J 34174.



J 35501
INNER PINION BEARING
CUP REMOVER



J 35502
OUTER PINION
BEARING CUP
REMOVER



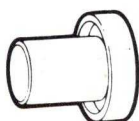
J 35503
PINION SEAL
INSTALLER

DRIVE AXLE

REAR AXLE-CORVETTE 1985 TO CURRENT (MODEL 44) (CONT)



J 35505
SIDE BEARING
PRELOAD MASTER
BEARINGS



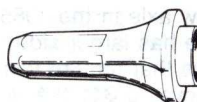
J 35508
DIFFERENTIAL SIDE
BEARING INSTALLER



J 35509
YOKE BEARING & SEAL
REMOVER



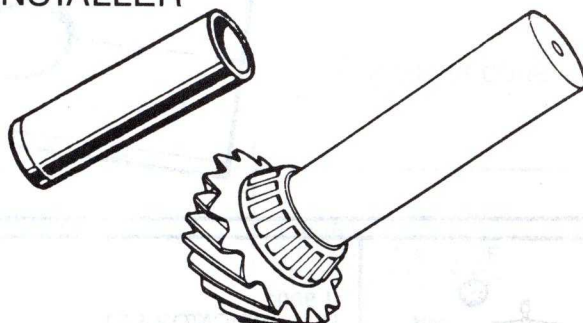
J 35510
YOKE BEARING
INSTALLER



J 35511
YOKE SEAL INSTALLER

J 35512
INNER PINION
BEARING
INSTALLER

This tool is used to install the new larger inner pinion bearing.



SEE PAGE 53 FOR PINION SETTING GAUGE COMPONENTS FOR ABOVE AXLE

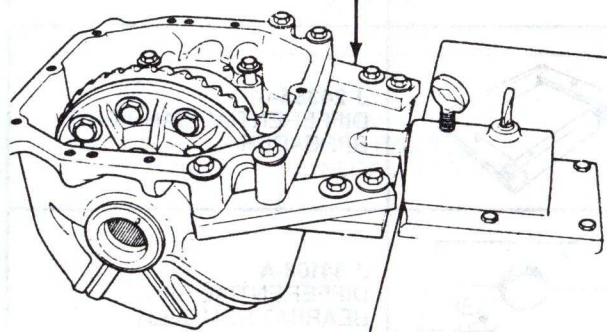
REAR AXLE-CORVETTE 1980-82

J 34162 HOLDING FIXTURE

This fixture is used with the J 3289-20 Mount and will hold both the new Corvette axle and the 1980-82 aluminum model.



J 34162
HOLDING FIXTURE



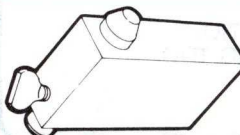
J 3289-20
HOLDING FIXTURE
BENCH MOUNT
(Transmission &
Differential)



J 5223-4
PINION SETTING
GAUGE ARBOR



J 5223-14
PINION SETTING
GAUGE BOLT




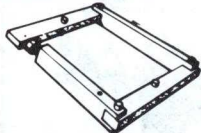
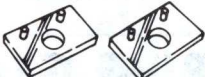





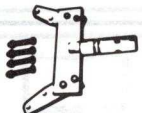



J 5223-20A
PINION SETTING
GAUGE BLOCK

KENT-MOORE SPECIAL SERVICE TOOLS

REAR AXLE-CORVETTE 1980-82 (CONTINUED)

	J 5223-23 PINION SETTING GAUGE DISC (2 req'd)
	J 5223-24 PINION SETTING GAUGE CLAMP
	J 5223-27 PINION SETTING GAUGE BLOCK PLUNGER
	J 5223-29 PINION SETTING GAUGE PRELOAD BOLT
	J 5590 PINION BEARING CONE INSTALLER
	J 6125-1B SLIDE HAMMER (Use with J 23129)
	J 7817 OUTER BEARING CUP INSTALLER
	J 7818 INNER BEARING CUP INSTALLER
	J 8107-2 DIFFERENTIAL SIDE BEARING REMOVER PLUG
	J 8614-01 PINION FLANGE REMOVER
	J 21465-13 DRIVER HANDLE EXTENSION 3/4 - 10 Thread (Use with J 22761 & J 8092)
	J 22761 SIDE YOKE BEARING REMOVER

	J 23129 PINION OIL SEAL REMOVER (Use with J 6125-1B)
	J 23765 SIDE YOKE BEARING INSTALLER
	J 23781 POSITRACTION UNLOADING TOOL
	J 24385-01 AXLE HOUSING SPREADER
	J 24385-20 AXLE HOUSING SPREADER ADAPTERS
	J 29358 INNER PINION BEARING CUP REMOVER
	J 29359 OUTER PINION BEARING CUP REMOVER
	J 29360 PINION OIL SEAL INSTALLER
	J 29538 SIDE BEARING PRELOAD MASTER BEARINGS
	J 34108-A DIFFERENTIAL SIDE BEARING REMOVER
	J 34162 HOLDING FIXTURE (Use with J 3289-20)
	J 34165 PINION BEARING CONE REMOVER

DRIVE AXLE

REAR SPINDLE—CORVETTE 1965–82

J 24488 REAR WHEEL BEARING GREASER



This tool makes it possible to grease the rear inner wheel bearings on the 1965 thru 1982 Corvette. Simply detach axle drive shaft, remove spindle nut, install tool over spindle and reinstall nut. Using hand grease gun, lubricate inner bearing with three tablespoons of chassis lubricant.



J 22602-01
DRIVE SPINDLE
REMOVER



J 24489
AXLE BEARING
REMOVER
(Use with J 8433 puller)



J 24490
REAR WHEEL SPINDLE
INSTALLER



J 24626
SHIM SELECTOR

REAR AXLE 6-1/2" RING GEAR (VEGA & ASTRE 1971–77)



J 5590
REAR PINION BEARING
CONE INSTALLER



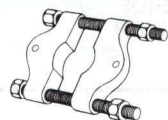
J 7817
FRONT PINION
BEARING CUP
INSTALLER



J 8611-01
REAR PINION BEARING
CUP INSTALLER



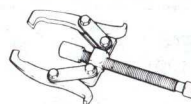
J 8614-01
PINION FLANGE
REMOVER



J 22912-01
REAR PINION BEARING
CONE REMOVER



J 22813-01
AXLE BEARING
REMOVER
(Use with J 2619-01)



J 22888
DIFFERENTIAL SIDE
BEARING REMOVER



J 23598
DIFFERENTIAL SIDE
BEARING REMOVER
PLUG
(Use with J 22888)



J 23610
DIFFERENTIAL SIDE
BEARING INSTALLER



J 23765
AXLE BEARING
INSTALLER










J 23771
AXLE OIL SEAL
INSTALLER



J 23911
PINION OIL SEAL
INSTALLER

**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

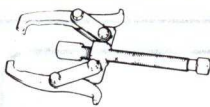






REAR AXLE 7-1/2" & 7-5/8" RING GEAR—1975 TO CURRENT

	J 5590 REAR PINION BEARING CONE INSTALLER
	J 6197 REAR PINION CUP INSTALLER ("O" Axle prior to 1981)
	J 7817 FRONT PINION BEARING CUP INSTALLER
	J 7818 REAR PINION BEARING CUP INSTALLER
	J 8107-2 DIFFERENTIAL SIDE BEARING REMOVER PLUG
	J 8614-01 PINION FLANGE REMOVER
	J 21493-B REAR PINION BEARING CONE REMOVER ("O" Axle prior to 1981)

J 22813-01 AXLE BEARING REMOVER

The bearing is pressed into axle housing and can be quickly removed with the use of this tool and the J 2619-01 Slide Hammer.



	J 22888 SIDE BEARING REMOVER (Use with J 8107-2)
	J 23765 AXLE BEARING INSTALLER
	J 23771 AXLE OIL SEAL INSTALLER
	J 23911 PINION OIL SEAL INSTALLER
	J 25299 DIFFERENTIAL SIDE BEARING INSTALLER
	J 25320 REAR PINION BEARING REMOVER
	J 29609 REAR PINION BEARING CUP INSTALLER ("O" Axle 1981 to current)

J 33868 REAR PINION BEARING REMOVER

The new tool is designed to remove the rear pinion bearing from the pinion shaft. The two halves of the J 33868 are bolted together to surround the bearing allowing easy removal in a press. This tool will fit any 7-1/2" ring gear axle with rear pinion bearing GM part number 7455699.










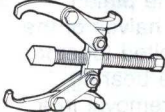
	J 34601 FLANGE RUNOUT GAUGE
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**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

DRIVE AXLE

REAR AXLE—BORG WARNER PONTIAC

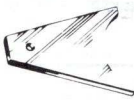
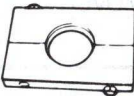

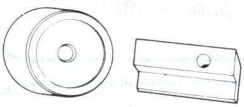
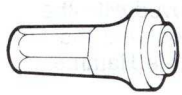
1985 TO CURRENT

	J 5590 REAR PINION BEARING INSTALLER
	J 7817 REAR BEARING CUP INSTALLER
	J 7818 FRONT BEARING CUP INSTALLER
	J 8614-01 COMPANION FLANGE REMOVER AND INSTALLER
	J 8853-01 AXLE BEARING AND RETAINER INSTALLER
	J 21579 AXLE SHAFT REMOVER
	J 21784 SIDE BEARING INSTALLER
	J 22888 SIDE BEARING REMOVER (Use with J 8107-4)



J 22912-01 REAR PINION BEARING REMOVER

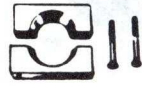


This is an adjustable bearing remover that has knife like edges that fit into very tight areas. In all cases, the inner race of the bearing must be contacted to prevent damage to the bearing or possible bodily injury.

	J 25588 SIDE BEARING SHIM INSTALLER
	J 34165 REAR PINION BEARING REMOVER
	J 35117 FILLER PLUG REMOVAL TOOL
	J 35118 PINION SETTING GAUGE (See Pinion Setting Gauge chart on page 53)
	J 35119 PINION SEAL INSTALLER

REAR AXLE—8-1/2" RING GEAR 1967 TO CURRENT



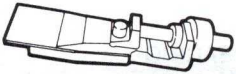
	J 8107-4 DIFFERENTIAL SIDE BEARING REMOVER PLUG (Use with J 22888)
	J 8608 REAR PINION BEARING CUP INSTALLER

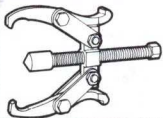




	J 8611-01 FRONT PINION BEARING CUP INSTALLER
	J 8612-B REAR PINION BEARING CONE REMOVER

**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

KENT-MOORE SPECIAL SERVICE TOOLS




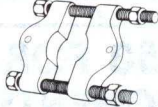

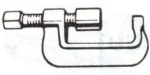
REAR AXLE-8-1/2" RING GEAR 1967 TO CURRENT (CONTINUED)

	J 8614-01 PINION FLANGE REMOVER
	J 21128 AXLE SEAL INSTALLER
	J 22388 PINION OIL SEAL INSTALLER
	J 22761 DIFFERENTIAL SIDE BEARING INSTALLER
	J 22779 SIDE BEARING BACKLASH GAUGE

	J 22888 DIFFERENTIAL SIDE BEARING REMOVER
	J 23689 AXLE SHAFT BEARING REMOVER (Use with J-2619-01)
	J-23690 AXLE SHAFT BEARING INSTALLER
	J 25284 DIFFERENTIAL SIDE BEARING PLUG (Cadillac)(Use with J 22288)
	J 26252 POSITRACTION GOVERNOR REMOVER (Eaton-truck axle)

REAR AXLE-8-7/8" RING GEAR TRUCK 1963 TO CURRENT






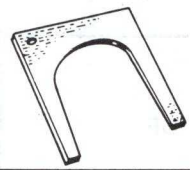
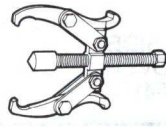
	J 270-14 REAR PISTON BEARING CUP INSTALLER
	J 5590 REAR PINION BEARING CONE INSTALLER
	J8107-4 DIFFERENTIAL SIDE BEARING REMOVER PLUG
	J 8611-01 FRONT PINION BEARING CUP INSTALLER (Use with J 8092)
	J 8614-01 PINION FLANGE REMOVER

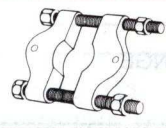





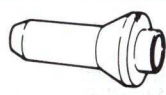
	J 22175-A DIFFERENTIAL SIDE BEARING INSTALLER
	J 22779 SIDE BEARING BACKLASH GAUGE
	J 22888 DIFFERENTIAL SIDE BEARING REMOVER (Use with J 8107-4)
	J 22912-01 REAR PINION BEARING REMOVER
	J 23911 PINION SEAL INSTALLER
	J 26252 POSITRACTION GOVERNOR REMOVER (Eaton)

**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

DRIVE AXLE



REAR AXLE-9-1/2" RING GEAR 1982 TO CURRENT


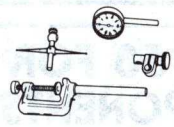
	J 7818 FRONT PINION BEARING CUP INSTALLER
	J 8107-3 DIFFERENTIAL SIDE BEARING REMOVAL PLUG (Use with J 22888)
	J 8614-01 PINION FLANGE REMOVER
	J 22388 PINION OIL SEAL INSTALLER (Use with J 22804-1)
	J 22779 SIDE BEARING BACKLASH GAUGE
	J 22804-1 PINION OIL SEAL SPACER (Use with J 22388)
	J 22888 DIFFERENTIAL SIDE BEARING REMOVER

	J 22912-01 REAR PINION BEARING CONE REMOVER
	J 24429 SIDE BEARING BACKLASH SPANNER WRENCH
	J 26252 POSITRACTION GOVERNOR REMOVER (Eaton)
	J 29709 WHEEL BEARING INSTALLER
	J 29710 DIFFERENTIAL SIDE BEARING INSTALLER
	J 29712 WHEEL BEARING REMOVER
	J 29713 AXLE SEAL INSTALLER

**SEE PAGE 53 FOR PINION SETTING GAUGE
COMPONENTS FOR ABOVE AXLE**

REAR AXLE-9-3/4" RING GEAR (DANA 60) TRUCK

	J 2222-C WHEEL BEARING NUT WRENCH
	J 5590 REAR PINION BEARING CONE INSTALLER

	J 7818 FRONT PINION BEARING CUP INSTALLER
	J 8001 DIAL INDICATOR SET (Use with J 34178)

KENT-MOORE SPECIAL SERVICE TOOLS

REAR AXLE—9-3/4" RING GEAR (DANA 60) TRUCK (CONTINUED)



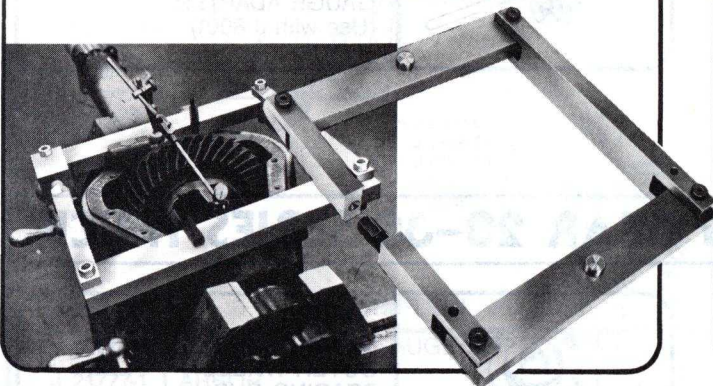
J 8107-3
DIFFERENTIAL SIDE
BEARING PULLER PLUG



J 23690
DIFFERENTIAL SIDE
BEARING INSTALLER

J 24385-01 DIFFERENTIAL HOUSING SPREADER

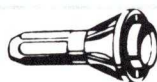
The Dana axles utilize side bearing shims that are located inboard of the differential side bearings. With preload on these bearings, the housing must be spread for removal or installation of the differential case.



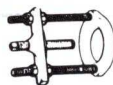
J 24426
OUTER WHEEL
BEARING CUP
INSTALLER



J 24427
INNER WHEEL
BEARING CUP
INSTALLER



J 24428
AXLE SHAFT SEAL
INSTALLER



J 29721
DIFFERENTIAL SIDE
BEARING REMOVER



J 34178
CARRIER SPREADER
GAUGE ADAPTER
(Use with J 8001)



J 34502
POSITRACTION
UNLOADER

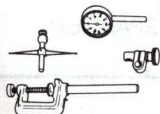
REAR AXLE—10-1/2" RING GEAR (DANA 70)—20 & 30 SERIES



J 2222-C
WHEEL BEARING NUT
WRENCH



J 3940
BEARING CUP
REMOVER



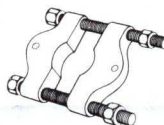
J 8001
DIAL INDICATOR SET
(Use with J 34178)



J 8107-3
SIDE BEARING PULLER
PLUG



J 8614-01
PINION FLANGE
HOLDER



J 22912-01
REAR PINION BEARING
CONE REMOVER







J 24383-A
DIFFERENTIAL SIDE
BEARING INSTALLER



J 24384
PINION OIL SEAL
INSTALLER





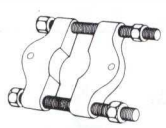

DRIVE AXLE



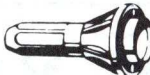


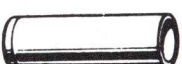
REAR AXLE-10 1/2" RING GEAR (DANA 70) 20 & 30 SERIES (CONT)

	J 24385-01 DIFFERENTIAL CARRIER SPREADER (Featured on page 51)
	J 24426 OUTER WHEEL BEARING CUP INSTALLER
	J 24427 INNER WHEEL BEARING CUP INSTALLER
	J 24428 AXLE SHAFT SEAL INSTALLER

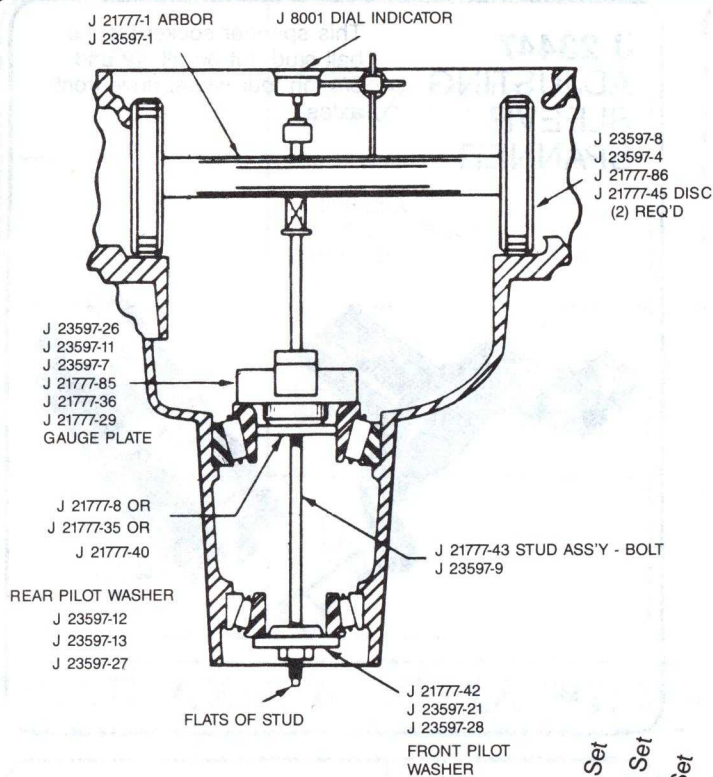
	J 24433 REAR PINION BEARING CONE INSTALLER
	J 29721 DIFFERENTIAL SIDE BEARING REMOVER
	J 29721-70 SIDE BEARING ADAPTERS (Use with J 29721)
	J 34178 CARRIER SPREADER GAUGE ADAPTER (Use with J 8001)

REAR AXLE-GM 10-1/2" RING GEAR 20-30 SERIES TRUCK

	J 2222-C WHEEL BEARING NUT WRENCH
	J 3940 BEARING CUP REMOVER
	J 8608 OUTER PINION BEARING CUP INSTALLER
	J 8614-01 PINION FLANGE HOLDER
	J 22912-01 REAR PINION CONE REMOVER
	J 23759-A DIFFERENTIAL SIDE BEARING PULLER

	J 24426 OUTER WHEEL BEARING CUP INSTALLER
	J 24427 INNER WHEEL BEARING CUP INSTALLER
	J 24428 AXLE SHAFT SEAL INSTALLER
	J 24429 SIDE BEARING ADJUSTMENT SPANNER
	J 24430 DIFFERENTIAL SIDE BEARING INSTALLER
	J 24433 REAR PINION BEARING CONE INSTALLER

PINION SETTING GAUGES & COMPONENTS



TOOL# DESCRIPTION

J 21777-B Set
J 23597-B Set
J 34925 Set
CHEVETTE-T-1000 (T-Car)
CHEVROLET LUV REAR AXLE
CHEVROLET LUV FRONT AXLE
6-1/2" AXLE (Vega & Astre)
7-1/2" & 7-5/8" AXLE 1975 to current
BORG WARNER PONTIAC—1985 to current
8-1/2" AXLE (1967 to current)
8-7/8" TRUCK AXLE (1963 to current)
9-1/2" TRUCK AXLE (1982 to current)
CORVETTE 1963-79
CORVETTE 1980-82
CORVETTE 1984 to current (36)
CORVETTE 1985 to current (44)
E-CAR FRONT DRIVE 1979 to 1985

TOOL#	DESCRIPTION	J 21777-B Set	J 23597-B Set	J 34925 Set	CHEVETTE-T-1000 (T-Car)	CHEVROLET LUV REAR AXLE	CHEVROLET LUV FRONT AXLE	6-1/2" AXLE (Vega & Astre)	7-1/2" & 7-5/8" AXLE 1975 to current	BORG WARNER PONTIAC—1985 to current	8-1/2" AXLE (1967 to current)	8-7/8" TRUCK AXLE (1963 to current)	9-1/2" TRUCK AXLE (1982 to current)	CORVETTE 1963-79	CORVETTE 1980-82	CORVETTE 1984 to current (36)	CORVETTE 1985 to current (44)	E-CAR FRONT DRIVE 1979 to 1985
J 8001	DIAL INDICATOR GAUGE SET	•	•	•	X	X	X	X	X	X	X	X	X	X		X	X	
J 21777-1	ARBOR	•	•	•							X	X	X	X				
J 21777-8	REAR PILOT WASHER	•	•	•							X	X	X	X				
-29	GAUGE PLATE	•	•	•							X	X						
-35	REAR PILOT WASHER	•	•	•							X							
-36	GAUGE PLATE												X					
-40	REAR PILOT WASHER	•	•	•				X										
-42	FRONT PILOT WASHER	•	•	•			X	X	X	X	X	X	X					
-43	STUD ASSEMBLY—BOLT	•	•	•	X		X	X	X	X	X	X	X	X		X	X	
-45	SIDE BEARING DISC—2 REQ'D	•	•	•				X	X	X	X		X					
-85	GAUGE PLATE											X						
-86	SIDE BEARING DISC—2 REQ'D											X						
J 23597-1	ARBOR	•	•	•	X	X	X	X	X							X	X	
-4	SIDE BEARING DISC—2 REQ'D	•	•	•	X		X	X										
-7	GAUGE PLATE					X												
-8	SIDE BEARING DISC—2 REQ'D					X										X		
-9	STUD ASSEMBLY—BOLT					X												
-11	GAUGE PLATE	•	•	•		X		X										
-12	REAR PILOT WASHER	•	•	•		X		X										
-13	REAR PILOT WASHER	•	•	•	X		X											
-21	FRONT PILOT WASHER	•	•	•	X													
-26	GAUGE PLATE					X												
-27	REAR PILOT WASHER					X												
-28	FRONT PILOT WASHER					X												
J 35506-A	PINION SETTING ADAPTER KIT															X	X	

See page 44 for breakdown of necessary components

Use with J 35118

DRIVE AXLE

FRONT AXLE-"K" VEHICLES CHEVROLET-GMC 4 WHEEL DRIVE



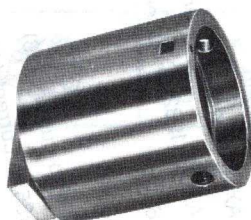
J 6368
BEARING CUP
INSTALLER



J 6382-3
BALL JOINT INSTALLER
ADAPTER

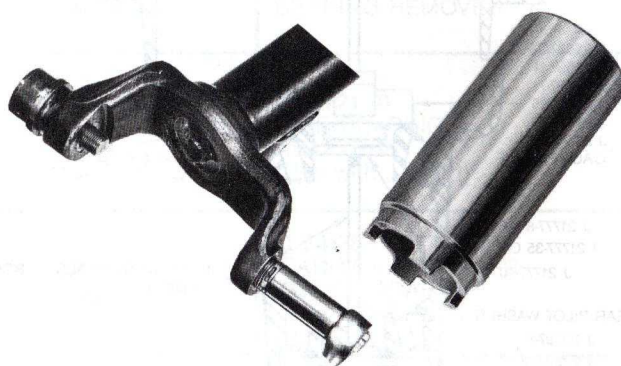
J 6893-D WHEEL BEARING NUT WRENCH

This spanner type wrench can be used on all 1/2 and 3/4 ton four wheel drive front axle wheel bearing nuts. It will withstand the high torque requirement of 160 foot pounds.



J 23447 ADJUSTING SLEEVE SPANNER

This spanner socket fits the ball stud nut on all 1/2 and 3/4 ton four wheel drive front axles.



J 9519-18
BALL JOINT PRESSING
SCREW
(Acme thread)



J 9519-23
BALL JOINT "C" CLAMP
(Acme thread)



J 9519-28
BALL JOINT RECEIVER



J 23445-A
BEARING INSTALLER



J 23448
CUP AND SEAL
INSTALLER



J 23454-D
BALL JOINT REMOVER
AND INSTALLER
ADAPTER



J 26878-A
WHEEL BEARING NUT
WRENCH
(1 ton 30 series)



J 28648
INNER AXLE TUBE
SEAL INSTALLER

FRONT DRIVE AXLE-SERIES 9, 10, 11 LUV



J 26234
PINION OIL SEAL
INSTALLER



J 29015
FRONT HUB INNER
BEARING INSTALLER


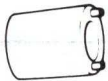
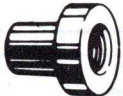





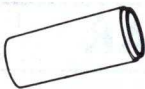
J 29016
FRONT HUB OUTER
BEARING INSTALLER





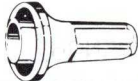



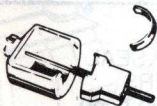
J 29017
FRONT HUB RING AND
SEAL INSTALLER

FRONT DRIVE AXLE—SERIES 9, 10, 11 LUV (CONTINUED)

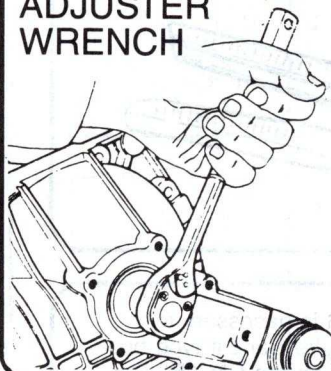
	J 29019 AXLE SHAFT OUTER BEARING INSTALLER
	J 29020-A FRONT HUB NUT WRENCH
	J 29036 DIFFERENTIAL SIDE BEARING INSTALLER
	J 29038 PINION BEARING INSTALLER

	J 29039 FRONT PINION BEARING CUP INSTALLER
	J 29757 INNER KNUCKLE OIL SEAL INSTALLER (Series 11 only)
	J 29758 INNER KNUCKLE DUST SHIELD INSTALLER (Series 11 only)

FRONT AXLE & DIFFERENTIAL—T TRUCK




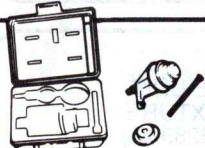
	J 21551 OUTPUT SHAFT BEARING REMOVER
	J 29763 DIAL INDICATOR
	J 33782 PINION OIL SEAL INSTALLER
	J 33785 PINION BEARING INSTALLER
	J 33788 OUTPUT SHAFT BEARING INSTALLER
	J 33790 DIFFERENTIAL SIDE BEARING INSTALLER
	J 33791 CARRIER BUSHING REMOVER AND INSTALLER

J 33792 SIDE BEARING ADJUSTER WRENCH






The differential side bearings are adjustable on this front axle. No shims are required for side bearing preload. J 33792 Wrench fits the side bearing adjustment sleeve for easy gear lash and preload adjustment.



	J 33798 HUB ENGAGEMENT TOOL
	J 33799 AXLE LOCK CABLE SEAL INSTALLER
	J 33837 PINION BEARING CUP REMOVER AND INSTALLER
	J 33838 PINION SHIM SETTING GAUGE (Use with J 29763)

DRIVE AXLE

FRONT AXLE & DIFFERENTIAL-T TRUCK (CONTINUED)

	J 33842 OUTPUT SHAFT PILOT BEARING INSTALLER
	J 33844 AXLE TUBE BEARING INSTALLER
	J 33893 OUTPUT SHAFT SEAL INSTALLER

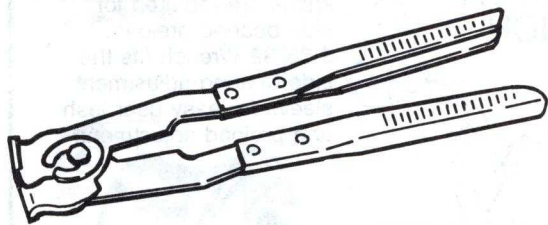
	J 34011 OUTPUT SHAFT PILOT BEARING REMOVER
	J 34047 GEAR LASH GAUGE (Use with J 8001-1 & J 25025-1)
	J 34773 DRIVE AXLE SEAL CLAMP PLIERS (Thermoplastic boot)

FRONT DRIVE AXLES—FRONT AXLE & DIFFERENTIAL— 1979 TO 85 E & K CAR

	J 3289-20 BASE HOLDING FIXTURE (Use with J 23320-A)
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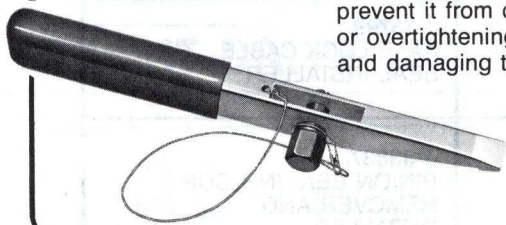
J 22610 KEYSTONE CLAMP PLIERS


Required to install the Drive Axle Boot Band Clamp. Eared Clamp—Rubber & Silicone boot.










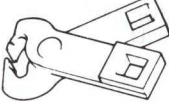


J 22716 CLAMP TIGHTENING WRENCH

J 22716 is necessary to tighten the Band-it type boot clamps on the GM "E" Car front axles through 1978. When used with a torque wrench, J 22716 allows the technician to properly retain the axle housing boot to prevent it from coming loose or overtightening the band and damaging the boot.



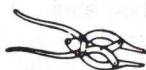
	J 23320-A FINAL DRIVE UNIT HOLDING FIXTURE (Use with J 3289-20)
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	J 25299 SIDE BEARING INSTALLER
	J 25588 SIDE BEARING SHIM INSTALLER
	J 28512 INNER PINION BEARING CUP REMOVER
	J 28513 PINION SHAFT SPLINE ADAPTER
	J 28514 PINION NUT WRENCH
	J 28515 PINION SEAL PROTECTOR
	J 28516 PINION SEAL INSTALLER
	J 28518 OUTPUT SHAFT SEAL INSTALLER
	J 28712 AXLE SHAFT BOOT SEAL PROTECTORS (Includes 2)
	J 34773 DRIVE AXLE SEAL CLAMP PLIERS (Thermoplastic boot)

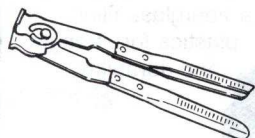
DRIVE AXLE—TRANSAXLE APPLICATIONS



J 2619-01
SLIDE HAMMER
(5/8" — 18 & 1/2" — 13 Thread)
(Use with J 28468 & J 29794
or J 33008)



J 8059
PARALLEL OPENING
SNAP RING PLIERS



J 22610
KEYSTONE CLAMP
PLIERS
Eared clamp — Rubber &
silicone boot
(Featured on page 56)



J 28468
AXLE SHAFT REMOVER
A, J & X Car without
tripot (Use with J 2619-01
& J 29794)



J 28712
AXLE SHAFT BOOT
SEAL PROTECTORS
2 Included
(Double offset drive joint)



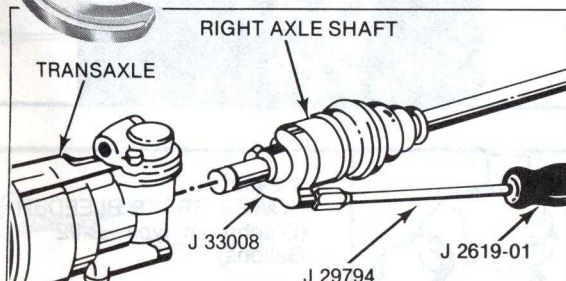
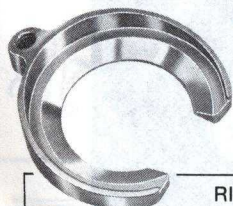
J 28733
FRONT HUB SPINDLE
REMOVER



J 29794
AXLE SHAFT REMOVAL
EXTENSION
(Use with J 33008 or
J 28468 with J 2619-01 as
shown below)

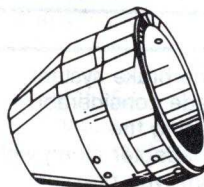
J 33008 AXLE SHAFT REMOVER

J 33008 is used with the J 2619-01 Slide Hammer to dislodge the internal retaining ring allowing removal of the drive shaft assembly. Use of J 33008 prevents possible damage to the transaxle case which may occur if an attempt is made to pry the axle shaft out.



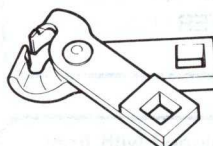
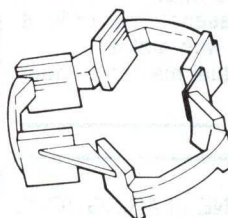
J 33162 DRIVE JOINT BOOT PROTECTOR

For vehicles that utilize tripot style inner drive joints. J 33162 is required to protect the boot on these drive joints during servicing of the axle or nearby components.

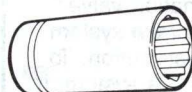


J 33165 DRIVE JOINT RETAINER

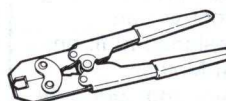
For vehicles which have a tripot style inner drive joint. J 33165 is designed to hold the tripot assembly together during servicing of the drive axle or drive joint.



J 34773
DRIVE AXLE SEAL
CLAMP PLIERS
(Thermoplastic boot)



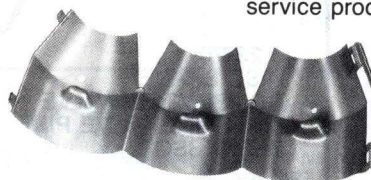
J 34826
36MM HUB NUT SOCKET
(1/2" Drive)



J 35566
DRIVE AXLE SEAL CLAMP
PLIERS (Earless clamp —
Rubber & silicone boot)

J 34754 INNER DRIVE JOINT BOOT PROTECTOR

A high temperature-resistant silicone drive axle boot is used on many GM vehicles. This larger protector is required to completely cover this boot to avoid any damage to the boot during service procedures.



BRAKE BLEEDING, MASTER CYLINDER & GENERAL

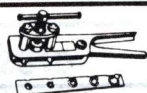


J 21472
BRAKE BLEEDER
WRENCH
(5/16" & 3/8")

J 23518-01
TANDEM BRAKE
BLEEDER
ADAPTER



Bleeding the brake system may be made considerably easier by using the J 23518-01 adapter along with a diaphragm type pressure bleeder (such as J 29532). The J 23518-01 enables the brakes to be bled with one hook-up. During the operation, it seals the brake system from atmosphere. J 23518-01 is designed to fit on any General Motors Passenger car or light duty truck with a steel reservoir dual master cylinder.



J 23530
BRAKE LINE FLARING TOOL
(45° Single & Double Flare)



J 23533-01
TUBE CUTTER
(Universal)

J 23709
COMBINATION
VALVE
DEPRESSOR

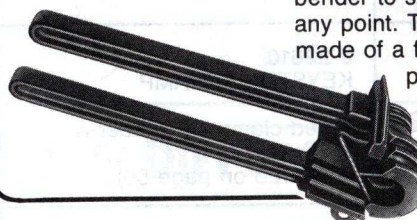


Vehicles equipped with front disc and rear drum brakes utilize a combination valve which controls brake system line pressure distribution. To pressure bleed this system, it is necessary to hold the valve stem open on the combination valve with J 23709, permitting flow to the front wheels. J 23709 is designed to fit on most General Motors passenger cars and light duty trucks.



J 23770
DISC BRAKE
COMBINATION VALVE
METERING VALVE PIN
DEPRESSOR

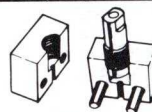
J 25310
UNIVERSAL
TUBE
BENDER
3/16, 1/4, 5/16,
and 3/8 Tubing



It's possible to bend the four most commonly used tubes, 3/16", 1/4", 5/16", and 3/8" O.D. on one tool. Makes smooth short radius bends up to 180° with minimum effort calibrated to show angle of bend. Bender is of the open side type which allows the bender to slip over the tube at any point. This bender is made of a fiberglass filled plastics for strength and durability.

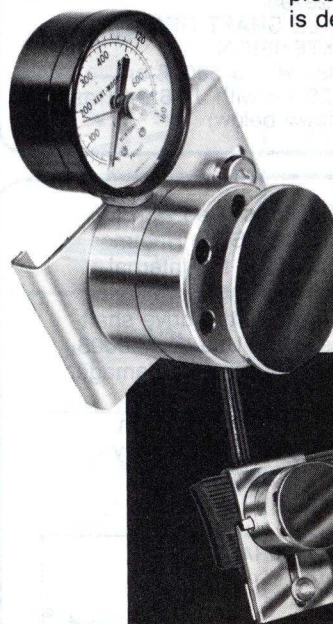


J 28434
WHEEL CYLINDER
BLEEDER WRENCH 5/16"
(Universal)

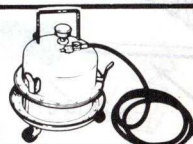


J 28629
BRAKE TUBE FLARING
TOOL
(4.75mm ISO)

J 28662
BRAKE PEDAL
EFFORT
GAUGE

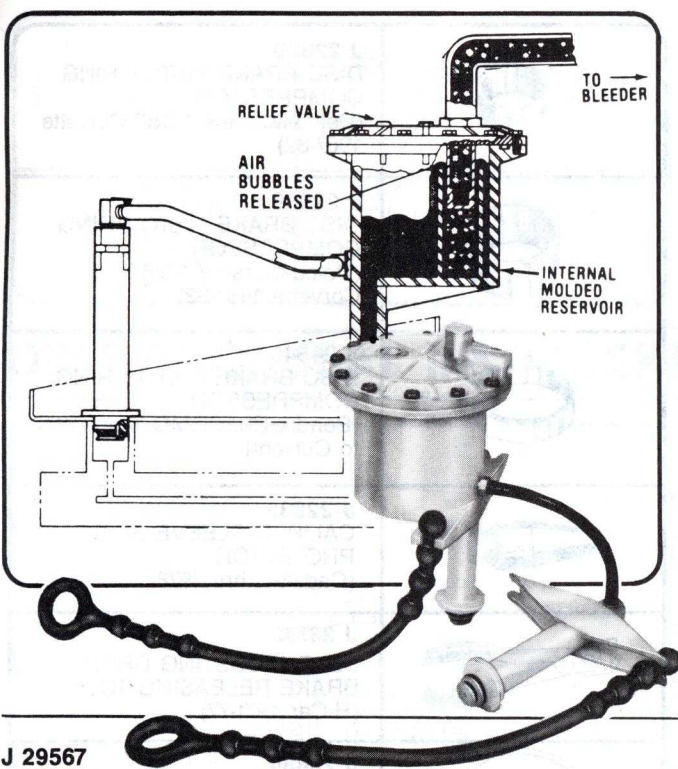


This precision instrument enables the technician to accurately measure brake pedal effort when diagnosing brake travel and other related problems. In addition, J 28662 is designed to mount easily on the parking brake pedal for adjustment of the parking brake. This instrument features an adjustable pedal clamp to mount on any standard GM service or park brake pedal and an indicating hand which records the maximum pressure obtained during the test.



J 29532
POWER BRAKE BLEEDER
(Diaphragm Type - 2-1/2
Gallons)

BRAKE BLEEDING, MASTER CYLINDER & GENERAL (CONTINUED)



J 29567 UNIVERSAL BRAKE BLEEDER ADAPTER

The most versatile adapter ever offered by Kent-Moore. The J 29567 will fit any General Motors vehicle* with the plastic reservoir type master cylinder. Adjustable legs, rubber hold down straps, convenient storage tray and a uniquely designed reservoir insure quick hook-up and trouble free bleeding.

U.S. Pat 4,201,056

J 34098 Adapters (Not Included) 1984/85 Corvette

J 35360 Adapters (Not Included) 1985 Powermaster

J 29567 Operation

Typical pressure bleeding equipment may produce brake fluid with air bubbles if it is rolled across a shop or agitated in some other manner. This exclusive Kent-Moore Universal Brake Bleeder Adapter eliminates the possibility of this aerated brake fluid entering the vehicles brake hydraulic system by means of a small internally molded reservoir. As the brake fluid enters this reservoir, air bubbles are released when the fluid flows over the top edge as shown in diagram.

*All but threaded caps

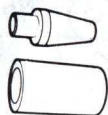
J 29567 Features

- Easy to connect stretchable retaining cables
- Independent legs will fit any General Motors plastic reservoir master cylinder

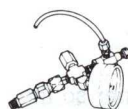
- Internal check valves hold fluid in unit and keep out contaminants when not in use
- Includes storage tray
- Complete operational instructions
- Durable nylon molded construction



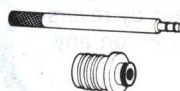
**J 34098
BRAKE BLEEDER
ADAPTERS**
(Corvette 1984 to current)
(Use with J 29567)



**J 34121
BRAKE FLUID RESERVOIR
INSTALLER**
(Corvette 1984 to Current)



**J 35126
PRESSURE GAUGE**
(Powermaster)

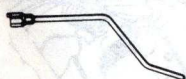


**J 35360
BRAKE BLEEDER
ADAPTERS**
(Powermaster)
(Use with J 29567)

DRUM & DISC BRAKES



**J 8002
BRAKE CYLINDER CLAMPS**
(Set of 4) drum brakes



**J 8049
SPRING REMOVER
INSTALLER**
Universal



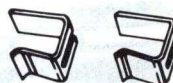
**J 8057
BRAKE SPRING PLIERS**
Universal



**J 21177-A
DRUM TO BRAKE SHOE
CLEARANCE GAUGE**
(4-1/2" to 12-7/8") Universal



**J 21472
BRAKE BLEEDER
WRENCH**
5/16" and 3/8" hex

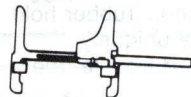


**J 21938
BRAKE PISTON RETAINER**
Delco-Moraine Corvette
1965-67

DRUM & DISC BRAKES (CONTINUED)



J 22348-01
DRUM BRAKE SPRING
REMOVER & INSTALLER
(3/4 & 1 Ton Truck)



J 22364-01
DRUM TO SHOE
CLEARANCE GAUGE
(4" to 20" Precision Gauge)

J 22429
DISC BRAKE
PISTON
RETAINING
TOOL

This clamping fixture prevents the piston from sliding out of its bore when the rotor has been removed for servicing. (Universal)



J 29839
BRAKE CYLINDER
RETAINER REMOVER

This tool expands and holds this special retainer so the brake cylinder may be removed. Insert the tool tips into the slots behind the retainer ring and expand by turning the knob to remove the ring. Replace the retainer by reversing the procedure. J 29839 is designed to work on any General Motors "J", "X", "A", "T" and other cars rear drum brake, wheel cylinder retainer ring.



J 29840
BRAKE SPRING REMOVER
AND INSTALLER

J 29840 is designed for releasing and replacing brake return springs on the "A", "J", "T", "X" and other cars rear drum brakes. The specially shaped end fits around the rivet head and the hook engages the spring and lifts it from the post. The "shoe horn" design on the opposite end makes it easy to slip the spring lock over the post during installation.



J 22629
DISC BRAKE PISTON RING
COMPRESSOR
(Delco-Moraine 1-7/8" Corvette
1967-82)



J 22639
DISC BRAKE PISTON RING
COMPRESSOR
(Delco-Moraine 1-3/8"
Corvette 1967-82)



J 24548
DISC BRAKE PISTON RING
COMPRESSOR
(Bendix Chev-GMC Truck 1974
to Current)



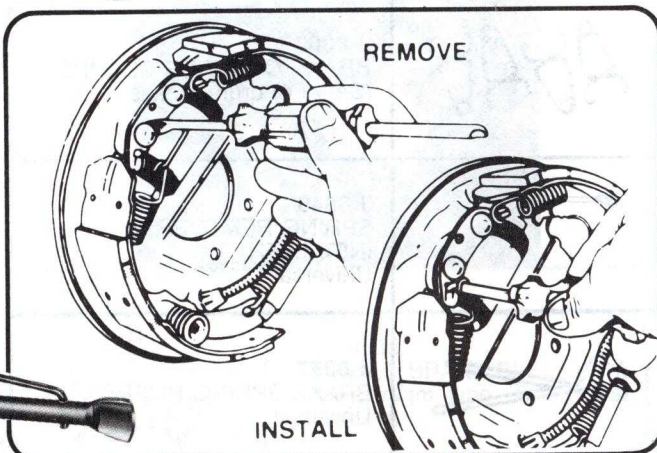
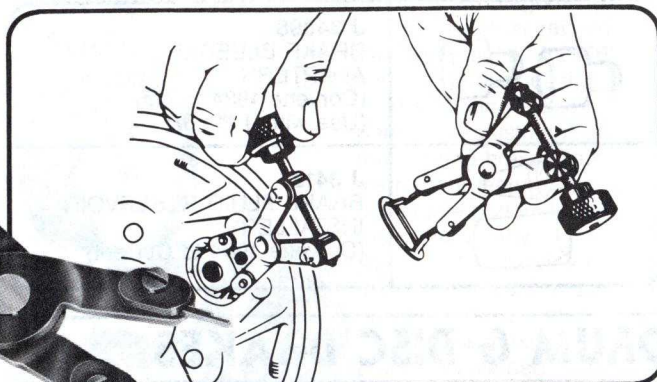
J 22835
CALIPER SLEEVE SEAL
PROTECTOR
(Cadillac thru 1978)



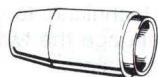
J 23730
SELF ADJUSTING DRUM
BRAKE RELEASING TOOL
(H-Car 1971-77)



J 28434
WHEEL CYLINDER
BLEEDER WRENCH
(5/16" Universal)



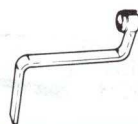
DRUM & DISC BRAKES (CONTINUED)



J 33077
PISTON LOCATING RING
INSTALLER (F-Car Rear
Disc 1982)



J 33078
PISTON LOCATING
RETAINER INSTALLER
(F-Car Rear Disc 1982)

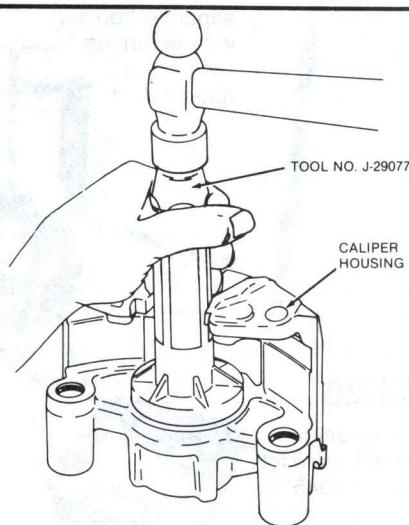


J 34065
PARKING BRAKE CABLE
RETAINER COMPRESSOR
(Fiero 1984 to Current)



J 34866
BRAKE DRUM REMOVER
(Chevrolet Sprint &
Spectrum - use with
J 2619-01 Slide Hammer)

DUST BOOT SEAL INSTALLERS




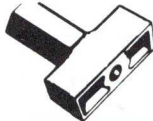

These special tools are designed to install the dust boots into the caliper without damage. See the charts below for the correct installer for specific vehicle applications.

TOOL NO.	ADAPTATION
J 22628	DELCO-MORaine (1-7/8") Corvette 1967-82
J 22638	DELCO-MORaine (1-3/8") Corvette 1967-82
J 22904	GM FRONT 1969 to current
J 23572	H-CAR FRONT 1971-77
J 26267	A & E CARS 1978-81 FRONT H-CAR SPECIAL 1976-80 FRONT

TOOL NO.	ADAPTATION
J 26296-A	F CAR Thru 1981 Rear B & C CARS thru 1979 Front
J 28678	E CAR 1979 to 1985
J 28735	CHEVROLET & GMC TRUCK 1979 to current
J 29077-A	FRONT WHEEL DRIVE A, J, N, X CARS 1980 to current
J 29381	T-CAR FRONT 1976-82 F-CAR REAR 1982 to current
J 34009	T-CAR FRONT 1983 to current

KENT-MOORE...When ordinary tools won't do.

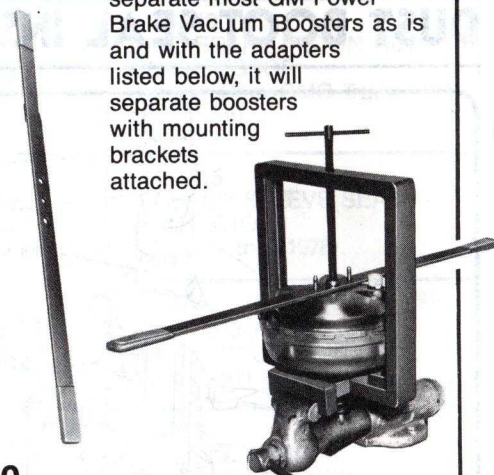
BRAKE BOOSTER

	J 9504-01 VACUUM BOOSTER SPANNER WRENCH GM Universal
	J 21524 POWER PISTON REMOVER & INSTALLER Delco single diaphragm
	J 22677 BOOSTER SHELL SEAL INSTALLER Bendix
	J 22733 BOOSTER DIAPHRAGM SEAL PROTECTOR Bendix, dual diaphragm
	J 22805-01 BOOSTER HOLDER GM Universal
	J 22839 BOOSTER DIAPHRAGM HOLDING FIXTURE Bendix, dual diaphragm
	J 22893-01 BOOSTER SEPARATOR ADAPTER Delco 1967-73 use with J 9504-01
	J 23101-01 BOOSTER DIAPHRAGM SEPARATOR Delco, dual diaphragm
	J 23108 INTERNAL VACUUM LEAK TESTER 0-30 lbs. Cadillac 1966-80
	J 23175-A AIR VALVE PUSH ROD RETAINER INSTALLER Delco, dual diaphragm 1967-80
	J 23188 BEARING SEAL PROTECTOR Delco, dual diaphragm 1967-80

J 23456 POWER BRAKE BOOSTER DISASSEMBLY AND REASSEMBLY FIXTURE

J 23456 has been developed to enable the technician to efficiently disengage the two halves of the booster.

J 23456 safely retains both halves as the center screw is backed off and the internal booster spring is allowed to return to its free height. To assemble, just reverse the same procedure. This tool will separate most GM Power Brake Vacuum Boosters as is and with the adapters listed below, it will separate boosters with mounting brackets attached.



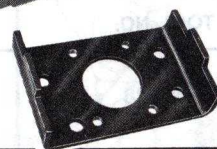
J 23456-20

Adapter set for angled mounting brackets. (Not included with J 23456)



J 23456-51A

Adapter for Bendix 1974-75 dual diaphragm power brake booster, Chevrolet Sprint and 1985 Corvette. (Not included with J 23456)



	J 24551-A PISTON SEAL PROTECTOR Chevrolet hydraulic booster 1974-current
	J 24553 INPUT ROD SEAL PROTECTOR Chevrolet hydraulic booster 1974-current
	J 24569 HYDRA-BOOST ROD REMOVER Chevrolet hydraulic booster 1977-current
	J 25083 PISTON SEAL PROTECTOR Chevrolet hydraulic booster 1977-current

BRAKE BOOSTER (CONTINUED)



J 26410
PISTON PIN INSTALLER
E-Car hydraulic booster 1976-79

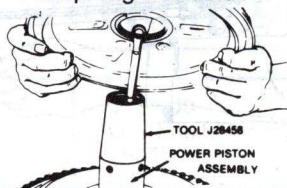
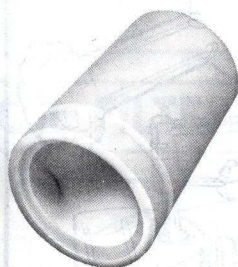
J 26889 ACCUMULATOR PISTON COMPRESSOR

Certain General Motors hydraulic brake boosters utilize a gas-filled accumulator. J 26889 is used with tool J 22269-01 or a large "C" clamp to remove this accumulator.



J 28458 POWER PISTON SEAL PROTECTOR

J 28458 is designed for use on all Delco-Moraine vacuum boosters with the one piece power piston. The tool features a tapered diameter which allows installation of diaphragm without damage to the seal. J 28458 is also used along with a hammer to seat the diaphragm retainer.



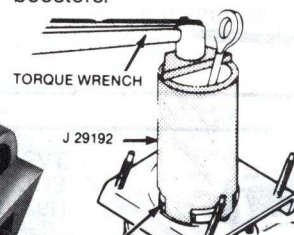
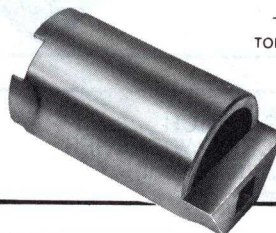
J 28485
INPUT ROD SEAL
PROTECTOR
Chevrolet hydraulic booster
1978-current



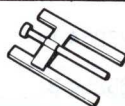
J 28497
INPUT ROD SEAL
PROTECTOR
Chevrolet hydraulic booster
1978-current

J 29192 MOUNTING BRACKET NUT SOCKET

This tool is specifically designed to install and torque the mounting bracket nut on all General Motors hydraulic boosters.



J 29282
AIR VALVE PUSH ROD
RETAINER INSTALLER
A, J, N, X F.W.D. Cars
1980-current



J 34873-A
BOOSTER PISTON ROD
GAUGE
Chevrolet Sprint & Spectrum





J 34874
BOOSTER SEAL REMOVER &
INSTALLER (Use with J 7079-2)
Chevrolet Sprint





J 35498
BOOSTER ASSEMBLY GAUGE
Corvette plastic booster 1985

PUSH ROD HEIGHT GAUGES

The gauges listed below are designed to measure the height of the push rod to determine if it falls within the allowable range. This procedure is required after a power brake booster is serviced and reassembled.

	TOOL NO.	ADAPTATION
	J 22647	DELCO-MORAINÉ .1875/.1885—.1975/.1985
	J 24568	CHEVROLET LUV TRUCK Thru 1980

	TOOL NO.	ADAPTATION
	J 26219	BENDIX .1675/.1695—.1825/.1845
	J 29759	CHEVROLET LUV II 1981-82

EMISSIONS


J 29132
CATALYTIC CONVERTER
BEAD EXCHANGER (Single Bead)

Designed to remove & install the Catalytic Converter Beads without removal of the converter from the vehicle. Has application from 1976 to current models. J 29132 is designed to be operated with shop air only. The removal canister clamps directly to the converter and can empty the converter in minutes. Also, the new catalyst beads can be installed in minutes using this device. Complete operating instructions are included. U.S. Pat. 3,945,410, 3,941,172, 3,184,291, 3,963,062, 3,295,565, 3,918,487, 3,911,971, 3,964,528, 4,263,944.

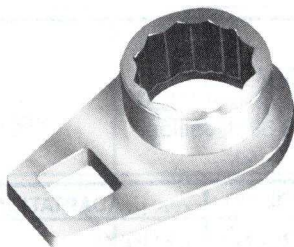


TVS SWITCH
 SOCKET WRENCHES
 (1973 to current)

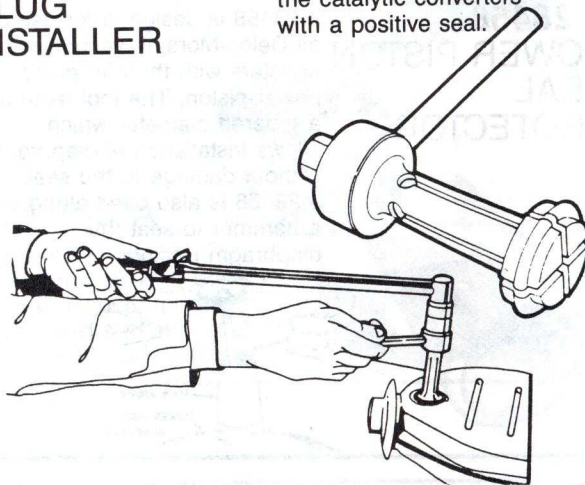
Size	Tool #
7/8"	J 26435
1-1/16"	J 25254-10
1-1/8"	J 25254-3
1-1/4"	J 25254-11

J 29533-A
O₂ SENSOR
SWITCH WRENCH

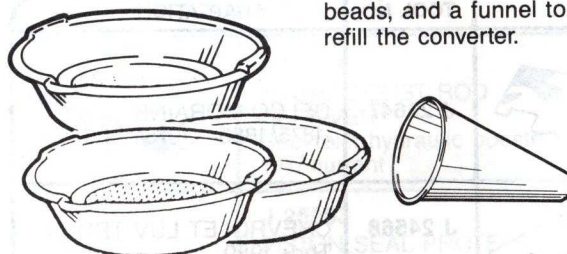
This tool is designed to remove & install the oxygen sensor on all General Motors vehicles.


J 34118
CATALYTIC
CONVERTER
PLUG
INSTALLER

This tool gives the technician an easy and quick way to install the production type plugs into the catalytic converters with a positive seal.

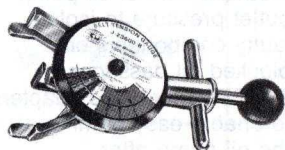

J 34155
CATALYST
BEAD
EXCHANGE
KIT

This kit makes the job of recycling catalyst beads quick and easy with no mess. Included are two pans to store the beads, a sifter pan to salvage the good unbroken beads, and a funnel to refill the converter.



DRIVE & TIMING BELT

J 23600-B UNIVERSAL V-BELT TENSION GAUGE

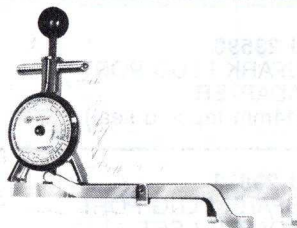


Measures belt tension quickly and accurately to ensure maximum belt and bearing life. The proper belt tension eliminates slippage and increases efficiency of belt-driven components.

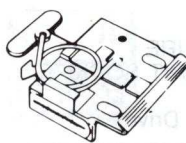


J 23654
TIMING BELT
TENSIONING ADAPTER
(L-4 2.3L 1971 thru 77)

J 26486-B TIMING BELT TENSION GAUGE



The J 26486-B Timing Belt Tension Gauge assures correct adjustment of timing belt tension on the 1.8 OHC, 1.6 and 2.3 Litre engines. The gauge features a built-in offset which allows it to be easily positioned on the belt while the tension is being adjusted.



J 29550
V-BELT TENSION
GAUGE
(Up to 1/2" width)

J 29661 UNIVERSAL BELT TENSION ADJUSTER

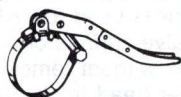
Use J 29661 to maintain correct belt tension during tightening of adjustment bolts. Eliminates need for prybars. J 29661 is spring loaded. This important feature holds tool in position during initial set-up.



OIL FILTER WRENCHES



J 22700
OIL FILTER WRENCH
(3-7/16" to 3-3/4" dia.
range)



J 25225
OIL FILTER WRENCH
(2-13/16" to 3-1/8" dia.
range)



J 29927
OIL FILTER WRENCH
NYLON BELT TYPE
(2" to 6" dia. range)

J 34027 OIL FILTER WRENCH



Universal 3" (76mm) 15 flute oil filter wrench fits various flute designs found on AC/Delco, Fram Wix, STP, NAPA, Sears, Gard, Montgomery Ward, VW, and Moto-craft filters. Use with square drive ratchet or extension—zinc plated.

J 22775 OIL FILTER WRENCH



This wrench fits all 1968 to current GM AC large oil filters and incorporates an offset strap with 1/2" square drive for replacement of hard to reach or tight filters.

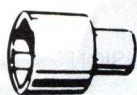
J 29142 OIL FILTER WRENCH



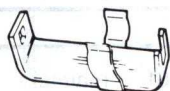
J 29142 has a double step design to fit both scalloped and flat configuration GM model oil filters. This oil filter wrench incorporates an off-set strap with 1/2" square drive for replacement of hard to reach or tight oil filters. This filter wrench fits all 1976 to current model GM engines using small diameter (PF47, PF40, or similar size) AC oil filter.

GAS ENGINE—MECHANICAL

OIL PRESSURE SYSTEM

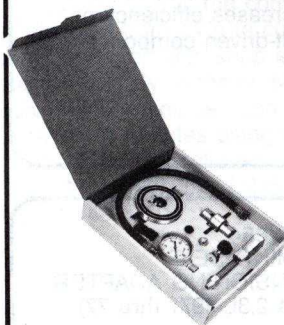


J 21757-03
OIL PRESSURE
SENDING UNIT SOCKET
WRENCH
(1-1/16", 3/8" Drive)



J 28687-B
OIL PRESSURE
SENDING UNIT
WRENCH
(9/16")

J 25087-C OIL PRESSURE TESTER & OIL PUMP PRIMER



This tester is designed to mount in place of the oil filter for quick diagnose of oil pump operation. The 0-60 P.S.I. gauge allows measurement of oil pump outlet pressure to isolate faulty components or blocked oil passages. J 25087-C includes adapters to enable easy priming of the oil pump after replacement. Included are J 25087-10 Test Adapter (M 18 X 1.5 metric thread oil filter) J 25087-30 for the 3" GM oil filters (1968 to current) Complete instructions are included.

SPARK PLUG PORT ADAPTERS

J 22794 SPARK PLUG PORT ADAPTER



J 22794 is installed into spark plug hole and then connected to an air hose to supply compressed air into the cylinder. This is done to hold valves against their seat so that worn or broken valve springs or valve seals can be serviced without removal of the cylinder head saving you time and money. (14mm with gasket)



J 23590
SPARK PLUG PORT
ADAPTER
(14mm tapered seat)



J 29833
SPARK PLUG PORT
ADAPTER SET
(14 & 18mm tapered or
gasket style)

VALVE SPRING SERVICE



J 5892-B
VALVE SPRING
COMPRESSOR
(Head-on)



J 8056
VALVE SPRING TESTER

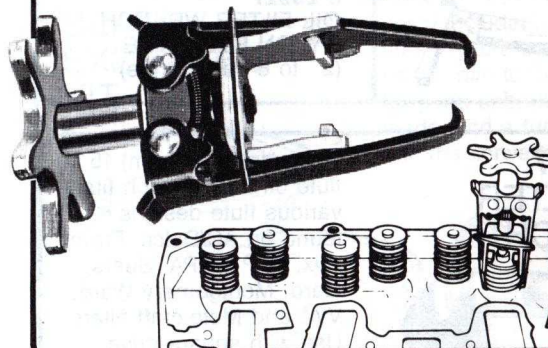


J 8062
VALVE SPRING
COMPRESSOR
(Head off)



J 22738-02
VALVE SPRING TESTER

J 26513-A VALVE SPRING COMPRESSOR



This valve spring compressor is used to change valve springs or valve seals without removing the cylinder head from the engine.

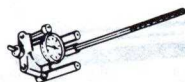
CYLINDER BORE CHECKING & RECONDITIONING



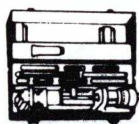
J 5347-B
DIAL BORE GAUGE
3" to 8" Range
(Used with J 23059-01)



J 5902-01
CYLINDER HONE
(2-1/2" to 5-3/4")



J 8087
CYLINDER BORE
CHECKING GAUGE
(Range 2-1/2" to 9")



J 23059-01
DIAL BORE GAUGE
SETTING MASTER
3" to 8" range
(Used with J 5347-B)



J 24270
RIDGE REAMER
(Range 3" to 5")

HYDRAULIC VALVE LIFTERS



J 3049
HYDRAULIC VALVE
LIFTER REMOVER



J 9290-01
HYDRAULIC VALVE
LIFTER REMOVER



J 26400-1A
HYDRAULIC VALVE
LIFTER TEST OIL
1 Gallon
(Used with J 5790-01)



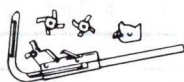
J 29834
HYDRAULIC VALVE
LIFTER REMOVER

J 5790-01 HYDRAULIC VALVE LIFTER LEAKDOWN TESTER

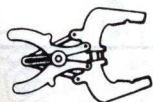
After a valve lifter has been cleaned and inspected, it must be tested for leakdown rate to determine whether it is within limits which assures satisfactory lifter operation. Complete instructions and one gallon of Hydraulic Valve Lifter Test Oil are included.



PISTON RINGS



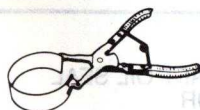
J 3936-03
PISTON RING GROOVE
CLEANER



J 25220
PISTON RING
EXPANDER
(3" to 4" diameter)



J 8037
UNIVERSAL PISTON
RING COMPRESSOR
(2-1/8" to 5" diameter)



J 29789
PISTON RING
COMPRESSOR
3-3/8" to 3-5/8"





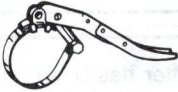




PISTON RING COMPRESSORS (Split Ring Style)

TOOL #	SIZE
J 8910	3-1/2"
J 5601	3-3/4"
J 22965	3.8"
J 6647	3-7/8"
J 5569	4"
J 5684	4-1/8"

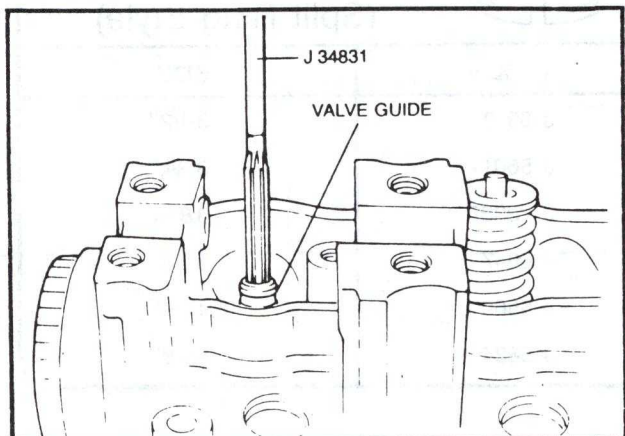
GAS ENGINE-MECHANICAL

L-3 1.0L CHEVROLET- (SPRINT)

	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)
	J 24239-01 10MM CYLINDER HEAD WRENCH
	J 25225 OIL FILTER WRENCH (2-13/16" to 3-1/8" dia.)
	J 26513-A VALVE SPRING COMPRESSOR (Head-on)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)

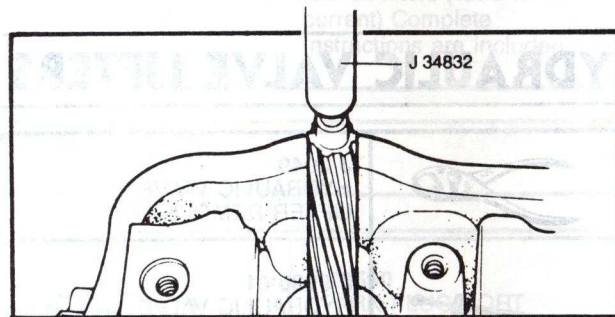
J 34831 VALVE GUIDE REAMER (7MM)

When a new valve guide is installed, the inside diameter must be reamed with this tool to assure it is the correct size.



J 34832 CYLINDER BLOCK VALVE GUIDE BORE REAMER (12MM)





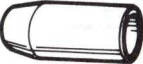
Before installing a new valve guide, the cylinder head must be reamed with this tool to assure a proper press fit with the guide.



J 34833 VALVE GUIDE REMOVER

This tool is used to drive out the valve guides from the cylinder head.



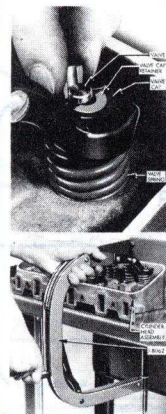
	J 34834 VALVE GUIDE INSTALLER
	J 34835 VALVE STEM SEAL INSTALLER
	J 34836 CAMSHAFT SPROCKET HOLDER
	J 34838 PISTON PIN REMOVER & INSTALLER
	J 34853 CRANKSHAFT OIL SEAL PROTECTOR

L-4 1.4L & 1.6L CHEVROLET² (T-CAR)

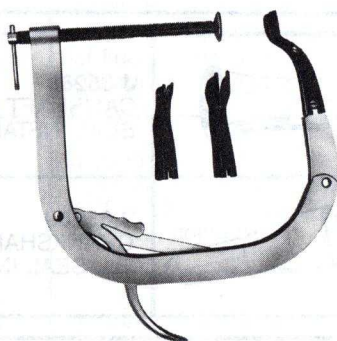


J 8056
VALVE SPRING TESTER

J 8062 VALVE SPRING COMPRESSOR



This universal valve spring compressor locks with the valve spring compressed, exposing the valve keys for easy removal. (Head off)



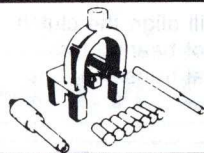
J 8089
CARBON REMOVING BRUSH
(Cast-Iron heads)



J 8101
VALVE GUIDE CLEANER



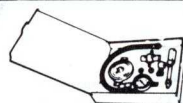
J 23590
SPARK PLUG PORT ADAPTER
(14mm tapered seat)



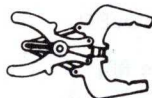
J 24086-A
PISTON PIN REMOVER & INSTALLER SET
(Featured on page 83)



J 24420-B
TIMING BELT SPROCKET REMOVER
(1.6L only - use with J 34984)



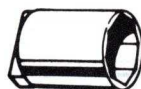
J 25087-C
OIL PRESSURE TESTER & OIL PUMP PRIMER



J 25220
PISTON RING EXPANDER
(3" to 4" dia.)



J 25477
VALVE SPRING COMPRESSOR
(Head-on 1.6L only)



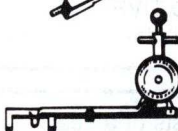
J 25510
ENGINE MOUNT SOCKET



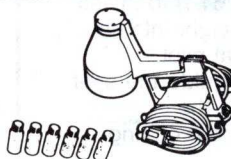
J 26434
FRONT COVER OIL SEAL INSTALLER



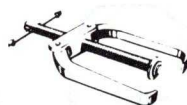
J 26436
ENGINE LIFTING FIXTURE



J 26486-B
TIMING BELT TENSION GAUGE
(1.6L only)



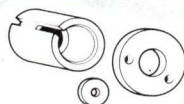
J 28428-B
BLACK LIGHT LEAK DETECTOR
(Includes 6-1 oz. containers of fluorescent oil additive)
(Featured on page 97)



J 28509-A
CRANKSHAFT SPROCKET REMOVER




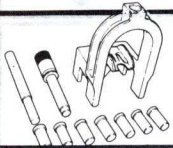


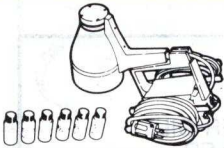

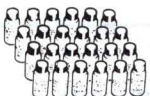
J 29113
CRANKSHAFT SPROCKET INSTALLER
(1.6L only)



J 34984
CRANKSHAFT SPROCKET REMOVER & DRILL GUIDE
(Use with J 24420-B)

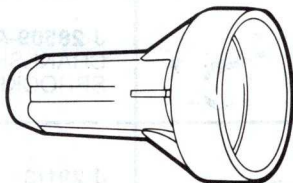
GAS ENGINE—MECHANICAL

L-4 1.5L CHEVROLET³ (SPECTRUM)

	J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)
	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 24086-80 PISTON PIN SERVICE ADAPTERS (Not included with J 24086-A)
	J 26513-A VALVE SPRING COMPRESSOR (Head-on)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)
	J 29545 FLUORESCENT COOLANT ADDITIVE (24-1 oz. containers)

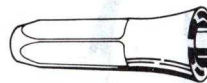
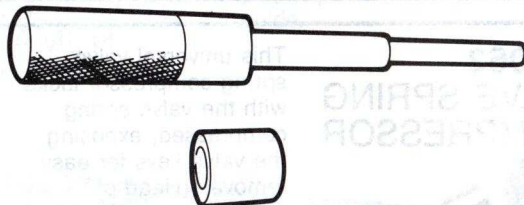
J 35264 REAR MAIN OIL SEAL INSTALLER

This tool consists of a seal installer (J 35264-1) to install the oil seal straight into its bore and a seal pilot (J 35264-2) to guide the seal over the end of the crankshaft without cutting the seal.



J 35267 VALVE GUIDE REPLACER

Valve guides are easily removed and installed to the correct depth with this tool.



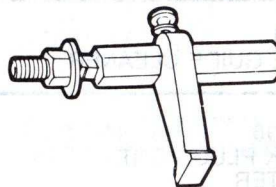
J 35268 CAMSHAFT FRONT OIL SEAL INSTALLER



J 35269 CRANKSHAFT FRONT OIL SEAL INSTALLER

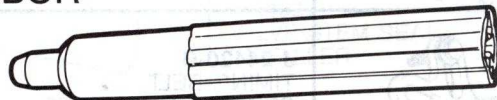
J 35271 FLYWHEEL HOLDER

The J 35271 Flywheel Holder will bolt onto the block and lock the flywheel in place. This will allow the flywheel bolts to be removed and installed to their correct torque.







J 35282 CLUTCH ALIGNMENT ARBOR

This tool will align the clutch with the pilot bearing for easy manual transaxle installation.



L-4 1.8L OHC PONTIAC⁴

	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8101 VALVE GUIDE CLEANER

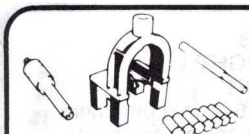
	J 21882 OIL SUCTION PIPE INSTALLER
	J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)

³ Manufactured by Isuzu

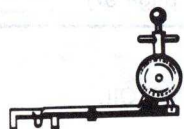
⁴ Manufactured by Pontiac

KENT-MOORE SPECIAL SERVICE TOOLS

L-4 1.8L OHC PONTIAC⁴ (CONTINUED)



J 24086-A
PISTON PIN REMOVER
AND INSTALLER SET
(Featured on page 83)



J 26486-B
TIMING BELT TENSION
GAUGE
(Featured on page 65)



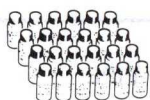
J 28428-B
BLACK LIGHT LEAK
DETECTOR
(Includes 6-1 oz. containers
of fluorescent oil additive)
(Featured on page 97)



J 28431-B
FLUORESCENT OIL
ADDITIVE
(24-1 oz. containers)



J 28467-A
ENGINE SUPPORT
FIXTURE



J 29545
FLUORESCENT
COOLANT ADDITIVE
(24-1 oz. containers)



J 33039-A
CAM DRIVE BELT
TENSION ADJUSTMENT
WRENCH



J 33049
CAMSHAFT BEARING
REMOVER & INSTALLER

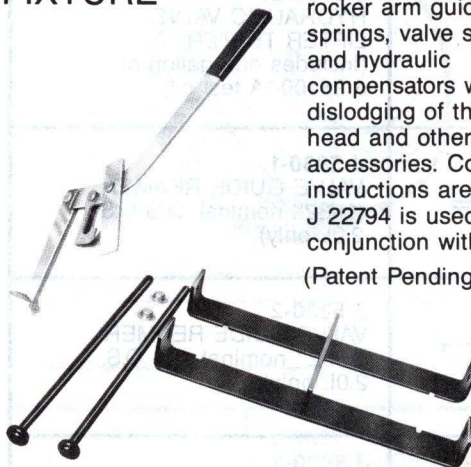


J 33083
FRONT CRANKSHAFT
SEAL INSTALLER



J 33084
REAR CRANKSHAFT
SEAL INSTALLER

J 33302 VALVE TRAIN COMPRESSING FIXTURE

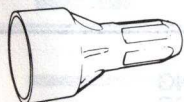


This tool was specifically designed for use on the Pontiac 1.8L OHC engine. It allows removal of the camshaft, rocker arms, rocker arm guides, valve springs, valve stem seals and hydraulic compensators without dislodging of the cylinder head and other attached accessories. Complete instructions are included. J 22794 is used in conjunction with this tool. (Patent Pending)

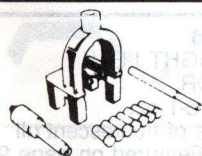
L-4 1.9L CHEVROLET⁵



J 8056
VALVE SPRING TESTER



J 22928-A
REAR MAIN OIL SEAL
INSTALLER



J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)

J 24239-01 10MM HEAD BOLT WRENCH



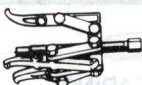
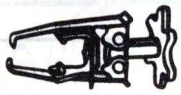
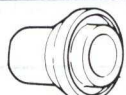
Easy removal & proper installation with correct torque is achieved with this wrench.

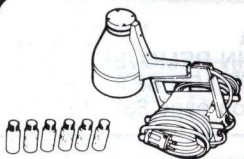

⁴ Manufactured by Pontiac

⁵ Manufactured by Isuzu










GAS ENGINE—MECHANICAL



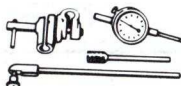



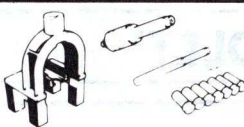

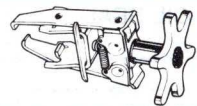
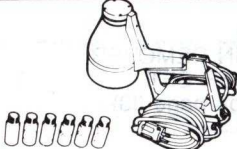
L-4 1.9L CHEVROLET⁵ (CONTINUED)

	J 25031 CAMSHAFT TIMING SPROCKET PULLER
	J 26513-A VALVE SPRING COMPRESSOR (Head-on)
	J 26587 FRONT COVER OIL SEAL INSTALLER

	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)

L-4 1.8L/2.0L CHEVROLET⁶

	J 5590 CRANKSHAFT GEAR INSTALLER
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes one gallon of J 26400-1A test oil)
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S. 2.0L only)
	J 5830-2 VALVE GUIDE REAMER (11/32" nominal .015 O.S. 2.0L only)
	J 5830-3 VALVE GUIDE REAMER (11/32" nominal .030 O.S. 2.0L only)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head-off)

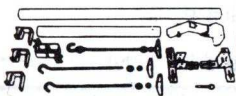

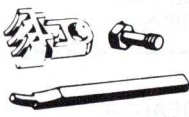
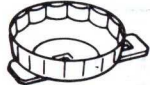



	J 8089 CARBON REMOVING BRUSH (Cast-iron heads)
	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR
	J 21882 OIL SUCTION PIPE INSTALLER
	J 22888 TIMING GEAR PULLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)
	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 24420-B HARMONIC BALANCER HUB REMOVER
	J 26513-A VALVE SPRING COMPRESSOR (Head-on 2.0L only)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)

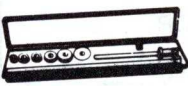

⁵ Manufactured by Isuzu

⁶ Manufactured by Chevrolet

KENT-MOORE SPECIAL SERVICE TOOLS

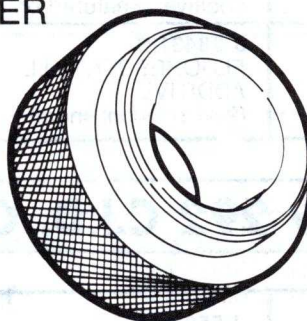
L-4 1.8L/2.0L CHEVROLET⁶ (CONTINUED)

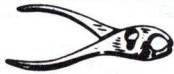




	J 28467-A ENGINE SUPPORT FIXTURE (Transverse drive only) (Featured on page 76)
	J 29113 HARMONIC BALANCER INSTALLER (14mm)
	J 29114 REAR MAIN BEARING UPPER OIL SEAL PACKER
	J 29142 SMALL DIA. AC OIL FILTER WRENCH
	J 29590 REAR MAIN OIL SEAL INSTALLER
	J 29833 SPARK PLUG PORT ADAPTER SET (14mm & 18mm)
	J 29834 HYDRAULIC VALVE LIFTER REMOVER


	J 33049 CAMSHAFT BEARING REMOVER & INSTALLER SET
	J 33875 CAM CHAIN TENSIONER LOADING TOOL
	J 34686 REAR MAIN BEARING OIL SEAL INSTALLER (1984 - current 2.0L only)

**J 35468
FRONT COVER
ALIGNER AND
SEAL
INSTALLER**

The front cover seals on the 1.8 and 2.0 liter 4 cylinder engine require this tool for installation and alignment to the crankshaft.


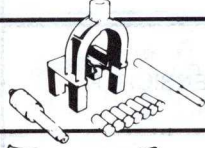




**L-4 2.5L PONTIAC⁷**


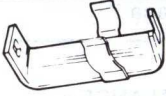

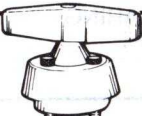

	J 3049 VALVE LIFTER REMOVER
	J 5569 PISTON RING COMPRESSOR (4" dia.)
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes one gallon of J 26400-1A test oil)
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S.)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)

	J 6621 VALVE GUIDE REAMER (11/32" nominal .005 O.S.)
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8101 VALVE GUIDE CLEANER
	J 21882 OIL SUCTION PIPE INSTALLER
	J 22330 VALVE STEM SEAL INSTALLER & TESTER







GAS ENGINE—MECHANICAL







L-4 2.5L PONTIAC⁷ (CONTINUED)

	J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)
	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 25087-C OIL PRESSURE TESTER & OIL PUMP PRIMER (Featured on page 66)
	J 26400-1A ONE GALLON OF HYDRAULIC VALVE LIFTER TEST OIL
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)

	J 28467-A ENGINE SUPPORT FIXTURE (Transverse drive only)
	J 28687-B OIL PRESSURE GAUGE SWITCH WRENCH
	J 29545 FLUORESCENT COOLANT ADDITIVE (24-1 oz. containers)
	J 34924-A REAR MAIN BEARING OIL SEAL INSTALLER
	J 34995 CRANKSHAFT FRONT COVER OIL SEAL INSTALLER

L-6 250 & 292 C.I.D. CHEVROLET⁸

	J 5590 CRANKSHAFT GEAR INSTALLER
	J 5715 3/8" ROCKER ARM STUD REAMER (.003 O.S.)
	J 5830-02 VALVE GUIDE REAMER SET (Includes J 5830-1, -2, -3, -4, -5)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)
	J 6036 3/8" ROCKER ARM STUD HOLE REAMER (.013 oversize)
	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER


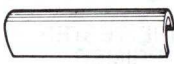


	J 6880 ROCKER ARM STUD INSTALLER
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 8080 MAIN BEARING SHELL REMOVER & INSTALLER
	J 8089 CARBON REMOVING BRUSH (All cast-iron heads)




⁷ Manufactured by Pontiac

⁸ Manufactured by Chevrolet


KENT-MOORE SPECIAL SERVICE TOOLS








L-6 250 & 292 C.I.D. CHEVROLET⁸ (CONTINUED)

	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR
	J 21882 OIL SUCTION PIPE INSTALLER
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)

	J 23738-A VALVE STEM SEAL TESTER (Mity-Vac)
	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 24420-B CRANKSHAFT GEAR PULLER
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 35468 FRONT COVER ALIGNER & OIL SEAL INSTALLER

V-6 2.8L CHEVROLET⁹

	J 5590 CRANKSHAFT GEAR INSTALLER
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes 1 gallon of J 26400-1A, Test oil)
	J 5825 CRANKSHAFT GEAR REMOVER
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S.)
	J 5830-2 VALVE GUIDE REAMER (11/32" nominal .015 O.S.)
	J 5830-3 VALVE GUIDE REAMER (11/32" nominal .030 O.S.)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)


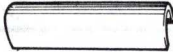


	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 8089 CARBON REMOVING BRUSH (Cast-iron heads)
	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFTER INDICATOR

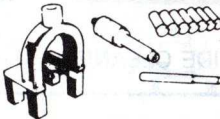



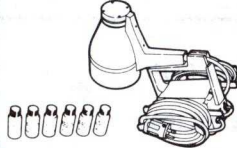
⁸ Manufactured by Chevrolet

⁹ Manufactured by Chevrolet

GAS ENGINE—MECHANICAL

V-6 2.8L CHEVROLET⁹ (CONTINUED)

	J 8910 PISTON RING COMPRESSOR (3-1/2" dia.)
	J 21882 OIL SUCTION PIPE INSTALLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)
	J 23738-A VALVE STEM SEAL TESTER (Mity-Vac)

	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 24420-B HARMONIC BALANCER HUB REMOVER
	J 25087-C OIL PRESSURE TESTER & OIL PUMP PRIMER
	J 26400-1A ONE GALLON OF HYDRAULIC VALVE LIFTER TEST OIL
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)

J 28467-A ENGINE SUPPORT FIXTURE

(Transverse drive only)

The J 28467-A is used for service procedures requiring engine support. This fixture has been designed for use on GM vehicles with transverse mounted engines. This includes the "A", "X", "P", "J", "N", "C", GM30 (E/K), and Chevrolet Nova vehicles.

Features Include:

- Universal Design
- Support legs securely attach to any GM strut tower
- Illustrated instruction booklet
- Heavy Duty Design
- Large Wing Nuts on Lifting hooks for easy hook-up
- Front Leg Height is Adjustable
- Lifting hook brackets can slide to any position on either bar.

Accessories


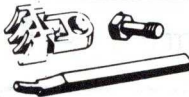
The following accessories are used in conjunction with the J 28467 or J 28467-A Support Fixture.



J 28467-45 Engine Lifting Straps (Not Shown)
(Required on A-car with 4.3L diesel engine)

J 28467-50 Engine Support Hook/included with
J 28467-A
(Required on 3.8L engine)

J 35563 Engine Support Bracket (Not Shown)
(Required on 2.8L Fiero application)



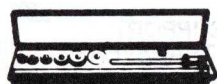
	J 29113 HARMONIC BALANCER INSTALLER (14mm)
	J 29114 REAR MAIN BEARING UPPER OIL SEAL PACKER

	J 29176 TIMING COVER RETAINER
	J 29590 REAR MAIN BEARING OIL SEAL INSTALLER (Rope seal)

⁹ Manufactured by Chevrolet

KENT-MOORE SPECIAL SERVICE TOOLS

V-6 2.8L CHEVROLET⁹ (CONTINUED)



J 33049
CAMSHAFT BEARING
REMOVER & INSTALLER



J 34686
REAR MAIN BEARING
OIL SEAL INSTALLER -
Lip Seal (1984 - Current)



J 35468
FRONT COVER
ALIGNER & OIL SEAL
INSTALLER

V-6 3.0L, 3.8L & 4.1L BUICK¹⁰



J 3049
VALVE LIFTER
REMOVER



J 5347-B
DIAL BORE GAUGE
(3" to 8" Range use with
J 23059-01)



J 5790-01
HYDRAULIC VALVE
LIFTER TESTER
(Includes 1 gallon of
J 26400-1A, Test oil)



J 5830-1
VALVE GUIDE REAMER
(11/32" nominal .003 O.S.)



J 6098-01
CAMSHAFT BEARING
REMOVER & INSTALLER



J 8037
PISTON RING
COMPRESSOR
(2-1/8" to 5" dia.)



J 8056
VALVE SPRING TESTER



J 8062
VALVE SPRING
COMPRESSOR
(Head-off)

J 8101 VALVE GUIDE CLEANER

This tool is required to clean the valve guide bores before reaming of the bore is done. J 8101 can be used with a standard power drill or by hand when performing this operation.



J 21526
REAR MAIN BEARING
UPPER OIL SEAL
PACKER
(3.8L & 4.1L only)



J 21757-03
OIL PRESSURE
SENDING UNIT SOCKET
WRENCH



J 21882
OIL SUCTION PIPE
INSTALLER



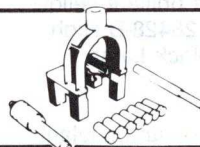
J 22738-02
VALVE SPRING TESTER



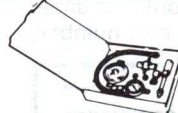
J 22794
SPARK PLUG PORT
ADAPTER
(14mm with gasket)



J 22965
PISTON RING
COMPRESSOR
(3.0L & 3.8L only, 3.8" dia.)



J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)



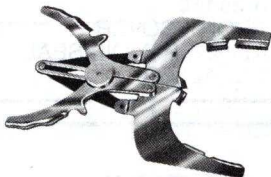
J 25087-C
OIL PRESSURE TESTER
& OIL PUMP PRIMER

GAS ENGINE—MECHANICAL

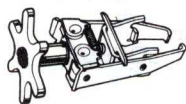
V-6 3.0L, 3.8L & 4.1L BUICK¹⁰ (CONTINUED)

J 25220 PISTON RING EXPANDER

This universal expander removes and installs piston rings on any piston 3" to 4" diameter.



J 26400-1A
HYDRAULIC VALVE
LIFTER TEST OIL
(Use with J 5790-01)



J 26513-A
VALVE SPRING
COMPRESSOR
(Head-on)

J 28428-B HIGH INTENSITY BLACK LAMP

The J 28428-B Leak Detector allows the technician to pinpoint the source of engine, transmissions, power steering or cooling system leaks in minutes...even in well-lighted areas.



INCLUDES: 6 (1 oz.) containers of oil additive

One ounce of oil additive contains enough fluorescent dye for the average engine. Leaking oil from a transmission, crankcase or power steering assembly will fluoresce a brilliant yellow with the J 28428-B High Intensity Black Lamp.



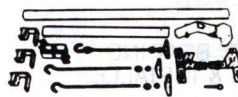
Additional oil and coolant dye may be ordered under the following part numbers:

Fluorescent Oil Additive

J 28431-B	24	(1 oz.) containers
J 28431-6	6	(1 oz.) containers
J 28431-22	1	(22 oz.) bottle

Fluorescent Coolant Additive

J 29545	24	(1 oz.) containers
J 29545-6	6	(1 oz.) containers



J 28467-A
ENGINE SUPPORT
FIXTURE TRANSVERSE
DRIVE ONLY
(Includes J 28467-50)

J 28467-50 ENGINE SUPPORT HOOK

This specially designed hook is included with the J 28467-A Engine Support Fixture to support the 3.8 liter engine. Can be ordered individually.



J 28693
REAR MAIN BEARING
OIL SEAL INSTALLER



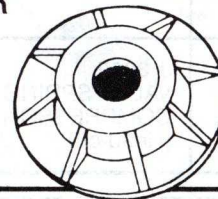
J 29662
CRANKSHAFT FRONT
COVER OIL SEAL
INSTALLER
(4.1L only)



J 29843-8
FRONT INTAKE
MANIFOLD BOLT
WRENCH

J 35354 FRONT COVER SEAL INSTALLER

The 3.0L engine used in the N-Car utilizes a new front cover seal. J 35354 is required to properly install this seal.



KENT-MOORE TOOLS...
When ordinary tools
won't do.

V-6 3.8L CHEVROLET¹¹

J 5239
CONNECTING ROD
BOLT GUIDE SET
(3/8—24)



J 5590
CRANKSHAFT GEAR
INSTALLER



J 5715
3/8" ROCKER ARM
STUD REAMER
(.003" O.S.)



J 5802-01
ROCKER ARM STUD
REMOVER



J 5825
CRANKSHAFT GEAR
REMOVER



J 5830-02
VALVE GUIDE REAMER
SET
(Includes J 5830-1, -2, -3,
-4, -5)



J 5892-B
VALVE SPRING
COMPRESSOR
(Head-on)



J 6036
3/8" ROCKER ARM
STUD HOLE REAMER
(.013" O.S.)



J 6098-01
CAMSHAFT BEARING
REMOVER & INSTALLER



J 8037
PISTON RING
COMPRESSOR
(2-1/8" to 5" dia.)



J 8056
VALVE SPRING TESTER



J 8062
VALVE SPRING
COMPRESSOR
(Head-off)



J 8089
CARBON REMOVING
BRUSH
(All Cast-iron heads)



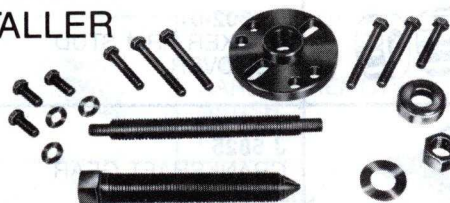
J 8101
VALVE GUIDE CLEANER



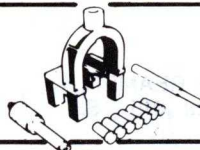
J 8520
CAM LOBE LIFT
INDICATOR

J 23523-E HARMONIC BALANCER REMOVER & INSTALLER

This tool quickly and easily removes and installs the Harmonic Balancer on Chevrolet V-8, V-6, & L-6 engines.



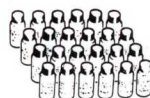
J 23738-A
VALVE STEM SEAL
TESTER
(Mity-vac)



J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)



J 28428-B
BLACK LIGHT LEAK
DETECTOR
(Includes 6-1 oz.
containers of fluorescent oil
additive) (Featured on page 97)





J 28431-B
FLUORESCENT OIL
ADDITIVE
(24-1 oz. containers)


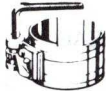

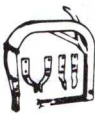









J 35468
FRONT COVER
ALIGNER & OIL SEAL
INSTALLER

GAS ENGINE—MECHANICAL

V-6 4.3L CHEVROLET¹²

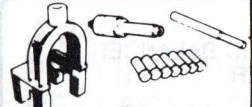

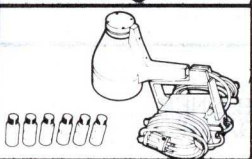

	J 5239 CONNECTING ROD BOLT GUIDE SET (3/8—24)
	J 5590 CRANKSHAFT GEAR INSTALLER
	J 5715 3/8" ROCKER ARM STUD REAMER (.003 O.S.)
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes one gallon of J 26400-1A test oil)
	J 5802-01 ROCKER ARM STUD REMOVER
	J 5825 CRANKSHAFT GEAR PULLER
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S.)
	J 5830-2 VALVE GUIDE REAMER (11/32" nominal .015 O.S.)
	J 5830-3 VALVE GUIDE REAMER (11/32" nominal .030 O.S.)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)
	J 6036 3/8" ROCKER ARM STUD HOLE REAMER (.013 oversize)
	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER



	J 6880 ROCKER ARM STUD INSTALLER
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 8089 CARBON REMOVING BRUSH (All Cast-iron heads)
	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR
	J 21882 OIL SUCTION PIPE INSTALLER
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)
	J 23738-A VALVE STEM SEAL TESTER (Mity-Vac)

¹² Manufactured by Chevrolet



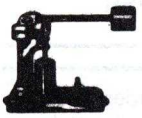

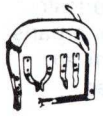

KENT-MOORE SPECIAL SERVICE TOOLS




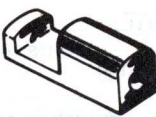
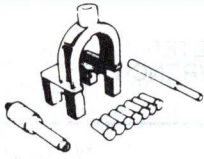

V-6 4.3L CHEVROLET¹² (CONTINUED)

	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 26400-1A ONE GALLON OF HYDRAULIC VALVE LIFTER TEST OIL
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)

	J 29545 FLUORESCENT COOLANT ADDITIVE (24-1 oz. containers)
	J 35468 FRONT COVER ALIGNER & OIL SEAL INSTALLER

V-8 4.1L CADILLAC ALUMINUM BLOCK¹³






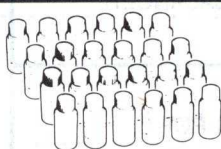
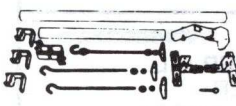

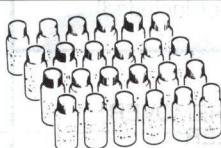
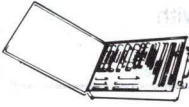

	J 1859-03 FRONT COVER OIL SEAL PULLER (Use with J 23129)
	J 3074 HYDRAULIC VALVE LIFTER TESTER
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes one gallon of J 26400-1A test oil)
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal - .003 O.S.)
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 8080 MAIN BEARING SHELL REMOVER & INSTALLER


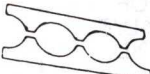
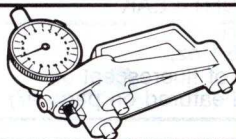




	J 8358 CARBON REMOVING BRUSH (Aluminum)
	J 21052-02 HARMONIC BALANCER REMOVER
	J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)
	J 23129 FRONT COVER OIL SEAL PULLER (2 required & must be used with J 1859-03)
	J 24086-A PISTON PIN REMOVER AND INSTALLER SET (Featured on page 83) (J 24086-50 not included)
	J 24086-50 PISTON PIN REMOVER AND INSTALLER ADAPTER (Not included with J 24086-A)

THE TOOLS THE PROFESSIONALS USE.

GAS ENGINE—MECHANICAL

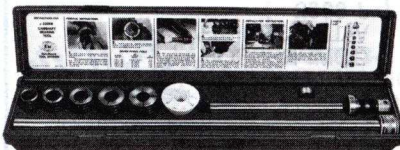
V-8 4.1L CADILLAC ALUMINUM BLOCK¹³ (CONTINUED)

	J 26400-1A ONE GALLON OF HYDRAULIC VALVE LIFTER TEST OIL
	J 26513-A VALVE SPRING COMPRESSOR (Head-on)
	J 26868 REAR MAIN BEARING OIL SEAL REMOVER (Transverse only)
	J 28410 GASKET REMOVER (Aluminum components)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)
	J 28467-A ENGINE SUPPORT FIXTURE (Transverse drive only)
	J 29142 SMALL DIAMETER AC OIL FILTER WRENCH
	J 29545 FLUORESCENT COOLANT ADDITIVE (24-1 oz. containers)
	J 29610 ENGINE THREAD REPAIR KIT
	J 29662 CRANKSHAFT FRONT COVER OIL SEAL INSTALLER

	J 29774 HARMONIC BALANCER INSTALLER (16mm)
	J 29775 CYLINDER LINER CLAMP
	J 29776 CYLINDER LINER HEIGHT GAUGE
	J 29789 PISTON RING COMPRESSOR (3-3/8" to 3-5/8" dia.)
	J 29790 VALVE STEM SEAL INSTALLER
	J 29791 DISTRIBUTOR WRENCH
	J 29834 HYDRAULIC VALVE LIFTER REMOVER

J 33049 UNIVERSAL CAMSHAFT BEARING REMOVER & INSTALLER SET

This set includes five expandable collet style drivers which allow removal and installation of any cam bearing from 1.120" to 2.690". It can be used on most automotive engines and features a durable plastic storage case. Complete instructions and parts diagram are included.



	J 34604 REAR MAIN BEARING OIL SEAL INSTALLER (Transverse drive only)
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¹³ Manufactured by Cadillac

KENT-MOORE SPECIAL SERVICE TOOLS

PISTON PIN SERVICE

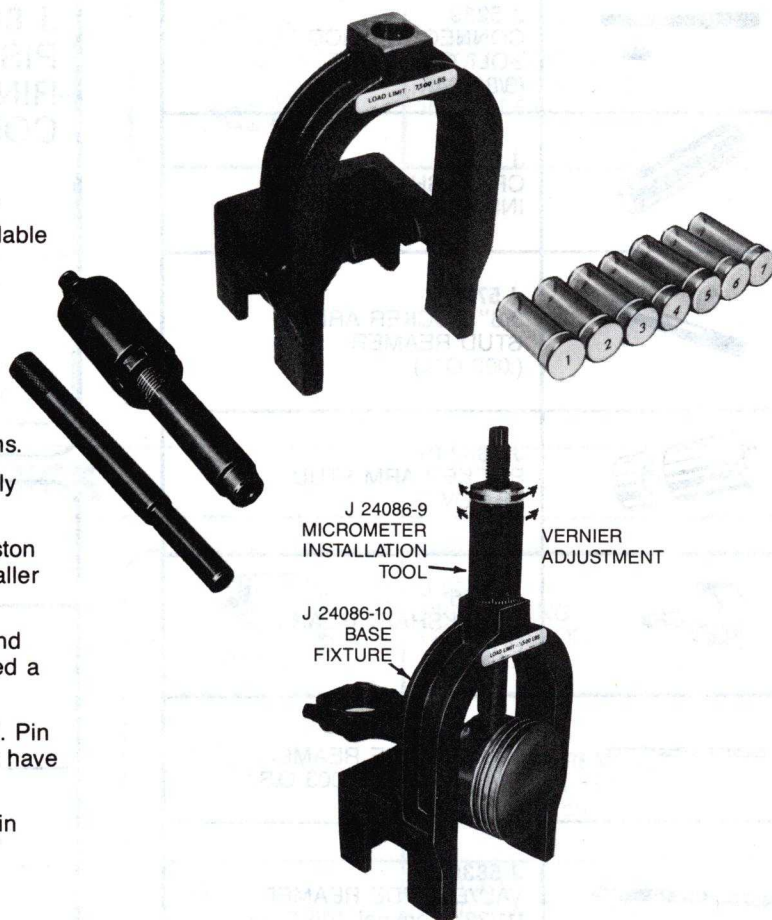
J 24086

PISTON PIN REMOVER AND REPLACER SET

TOOL FEATURES:

- Fork of tool supports connecting rod at wrist pin.
- Micrometer adjustable installer with settings available every .010".
- Obsoletes all tools that support piston.
- Eliminates the need for having different piston adapters.
- No load piston.
- One remover and one installer for all G.M. pistons.
- Guide bushings for different pin sizes are the only changeable parts.
- Completely "hands-off" design. Tool supports piston and rod assembly and holds the remover or installer arbor in complete alignment.
- Upper guide on tool also acts as a convenient and accurate stop. This obsoletes other tools that used a spring-loaded bottom stop.
- No eyeballing required during piston pin removal. Pin drops free, not into a bottom base. Tool does not have to be tipped over to retrieve piston pin.
- Tool can be used on any press. No access hole in press bed required.

Patent Nos. 4,118,851 & 4,118,852



Four rod support forks now available. It is very important to use the proper fork. See chart.

Application	Rod Support Fork	Pin Slot "A"
Olds V-8 & V-6	J 24086-11	1.005
Large Block Chev. V-8		
All V-6		
Small Block Chev. V-8	J 24086-75	.945
All domestic four cyl. except 1985 2.0 Liter		
1985 Chevrolet 2.0 Liter	J 24086-30	.885
Sprint (Suzuki)	J 24086-81	.715
Spectrum (Isuzu)		
Nova (Toyota)		

NOTE: Use the smallest fork (Pin Slot "A") for maximum support of the connecting rod.
Example: Chevrolet 5.0 liter with .927 pin use J 24086-75 Support.

Send for free General Motors application chart (order J 85-1) showing proper installation settings and component usage for all engines through 1985.



GAS ENGINE—MECHANICAL









V-8 5.0L & 5.7L CHEVROLET¹⁴ (SMALL BLOCK)

	J 5239 CONNECTING ROD BOLT GUIDE SET (3/8—24)
	J 5590 CRANKSHAFT GEAR INSTALLER
	J 5715 3/8" ROCKER ARM STUD REAMER (.003 O.S.)
	J 5802-01 ROCKER ARM STUD REMOVER
	J 5825 CRANKSHAFT GEAR PULLER
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S.)
	J 5830-2 VALVE GUIDE REAMER (11/32" nominal .015 O.S.)
	J 5830-3 VALVE GUIDE REAMER (11/32" nominal .030 O.S.)
	J 5892-B VALVE SPRING COMPRESSOR (Head-on)
	J 6036 3/8" ROCKER ARM STUD HOLE REAMER (.013 oversize)
	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER
	J 6880 ROCKER ARM STUD INSTALLER

J 8037 PISTON RING COMPRESSOR

J 8037 is used to compress piston rings for pistons from 2-1/8" to 5.0" in diameter.

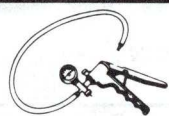


	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head-off)
	J 8089 CARBON REMOVING BRUSH (All Cast-iron heads)
	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR
	J 21882 OIL SUCTION PIPE INSTALLER
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)

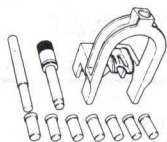
¹⁴ Manufactured by Chevrolet

KENT-MOORE SPECIAL SERVICE TOOLS

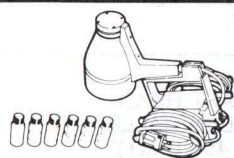
V-8 5.0L & 5.7L CHEVROLET¹⁴ (SMALL BLOCK) (CONTINUED)



J 23738-A
VALVE STEM SEAL
TESTER (Mity-Vac)



J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)



J 28428-B
BLACK LIGHT LEAK
DETECTOR
(Includes 6-1 oz.
containers of fluorescent oil
additive) (Featured on page 97)



J 35468
FRONT COVER
ALIGNER & OIL SEAL
INSTALLER

V-8 350 C.I.D. (5.7L)¹⁵ BUICK



J 8062
VALVE SPRING
COMPRESSOR
(Head-off)



J 8080
MAIN BEARING SHELL
REMOVER & INSTALLER

Patent Nos. 4,118,851 & 4,118,852



J 8089
CARBON REMOVING
BRUSH
(Cast-Iron heads)



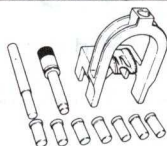
J 8101
VALVE GUIDE CLEANER

J 21526 REAR MAIN BEARING UPPER SEAL PACKER

J 21526 is required to
pack the rear main
bearing upper rope seal
on the Buick 350, 455 V-8
& 3.8 V-6 engines.



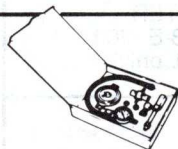
J 22965
PISTON RING
COMPRESSOR
(3.8" dia.)



J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)



J 24567
PISTON & CONNECTING
ROD BOLT GUIDE SET
(3/8-24) external



J 25087-C
OIL PRESSURE TESTER
& OIL PUMP PRIMER



J 28428-B
BLACK LIGHT LEAK
DETECTOR
(Includes 6-1 oz.
containers of fluorescent oil
additive) (Featured on page 97)











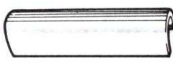

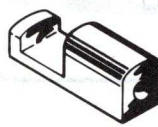




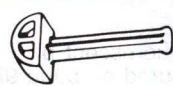
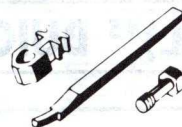


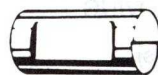


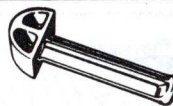
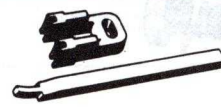
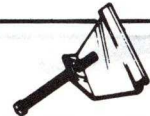
J 29843-8
TORX® HEAD BOLT
WRENCH (T-45)

¹⁴ Manufactured by Chevrolet

¹⁵ Manufactured by Buick

GAS ENGINE—MECHANICAL


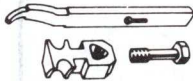







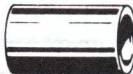





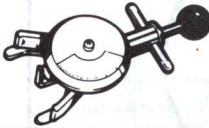





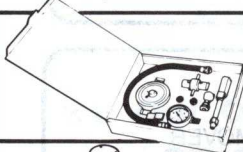



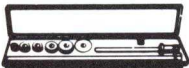
V-8 260, 350, 455 C.I.D. & 5.0L OLDSMOBILE¹⁶

	J 1859-03 CRANKSHAFT FRONT COVER OIL SEAL PULLER (Use with two of J 23129)
	J 3049 VALVE LIFTER REMOVER
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes 1 gallon of J 26400-1A test oil)
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8101 VALVE GUIDE CLEANER
	J 8614-01 HARMONIC BALANCER REMOVER
	J 21052-8 HARMONIC BALANCER REMOVER ADAPTER (Use with J 23523-E -260 C.I.D. & 350 C.I.D. only)
	J 21882 OIL SUCTION PIPE INSTALLER
	J 22227-A CAMSHAFT GEAR REMOVER PLATE
	J 23129 FRONT COVER OIL SEAL PULLER (2 required and used with J 1859-03)
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER (Use with J 21052-8 Adapter - 260 C.I.D. & 350 C.I.D. only)
	J 23600-B V-BELT TENSION GAUGE
	J 24086-A PISTON PIN REMOVER & INSTALLER SET
	J 25264-A CRANKSHAFT FRONT COVER OIL SEAL INSTALLER
	J 25285 CRANKSHAFT REAR MAIN SEAL INSTALLER (All except 455 C.I.D.)
	J 25286 REAR MAIN BEARING UPPER OIL SEAL PACKER (260 C.I.D. & 350 C.I.D. only)
	J 25287 CRANKSHAFT GEAR PULLER (Use with J 21052-8—260 C.I.D. & 350 C.I.D. only)
	J 25288 HARMONIC BALANCER INSTALLER (3/4" thread - 260 C.I.D. & 350 C.I.D. only)
	J 25289 VALVE STEM HEIGHT GAUGE
	J 26220 VALVE SPRING COMPRESSOR (350 C.I.D. only)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28693 REAR MAIN BEARING OIL SEAL INSTALLER (455 C.I.D. only)
	J 29368-A REAR MAIN BEARING UPPER OIL SEAL PACKER (455 C.I.D. only)
	J 34144 VALVE COVER SEAL BREAKER

¹⁶ Manufactured by Oldsmobile





KENT-MOORE SPECIAL SERVICE TOOLS

V-8 307, 350, 400 & 455 C.I.D. PONTIAC¹⁷

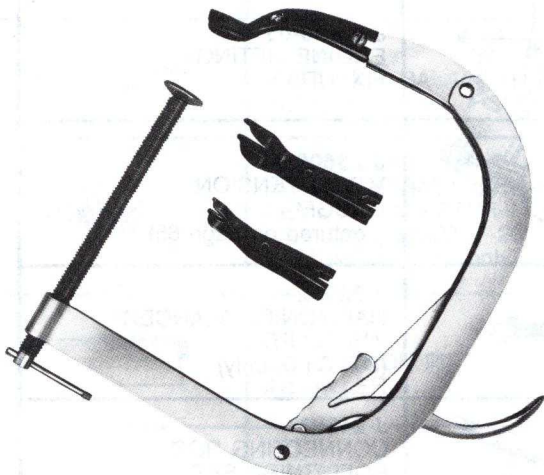
	J 5154-B CRANKSHAFT GEAR INSTALLER (307 C.I.D. only)		J 21526 REAR MAIN BEARING UPPER OIL SEAL PACKER
	J 5239 CONNECTING ROD BOLT GUIDE SET (3/8—24)		J 22330 VALVE STEM SEAL INSTALLER & TESTER
	J 5684 PISTON RING COMPRESSOR (400 C.I.D. only - 4-1/8" dia.)		J 22683-01 PISTON RING COMPRESSOR (455 C.I.D. only)
	J 5830-1 VALVE GUIDE REAMER (11/32" nominal .003 O.S.)		J 22794 SPARK PLUG PORT ADAPTER (14mm with gasket)
	J 5830-2 VALVE GUIDE REAMER (11/32" nominal .015 O.S.)		J 22875 TIMING CHAIN COVER SEAL INSTALLER
	J 6621 VALVE GUIDE REAMER (11/32" nominal .005 O.S.)		J 22965 PISTON RING COMPRESSOR (350 C.I.D. only - 3.8" dia.)
	J 6647 PISTON RING COMPRESSOR (3-7/8" dia. 350 C.I.D. only)		J 23515-03 ENGINE LIFTING FIXTURE
	J 6978-E HARMONIC BALANCER REMOVER		J 23600-B V-BELT TENSION GAUGE (Featured on page 65)
	J 7588 REAR MAIN BEARING OIL SEAL INSTALLER		J 23952 HARMONIC BALANCER INSTALLER (307 C.I.D. only)
	J 8062 VALVE SPRING COMPRESSOR (Head-off)		J 24567 CONNECTING ROD BOLT GUIDE SET (3/8—24)
	J 8080 MAIN BEARING SHELL REMOVER & INSTALLER		J 25087-C OIL PRESSURE TESTER & OIL PUMP PRIMER (Featured on page 66)
	J 8089 CARBON REMOVING BRUSH (Cast-Iron heads)		J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 8101 VALVE GUIDE REMOVER		J 33049 CAMSHAFT BEARING REMOVER & INSTALLER


GAS ENGINE—MECHANICAL



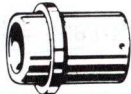




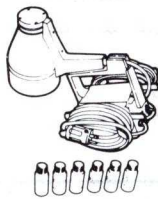
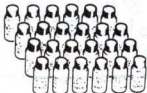
V-8 366, 396, 454 C.I.D. CHEVROLET MARK¹⁸

	J 5892-B VALVE SPRING COMPRESSOR (Head-on)
	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER

J 8062
VALVE
SPRING
COMPRESSOR



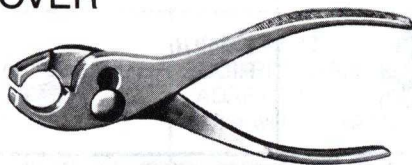
	J 8089 CARBON REMOVER BRUSH (All cast-iron heads)
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	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR
	J 22102 FRONT COVER OIL SEAL INSTALLER
	J 22144 OIL INLET TUBE INSTALLER
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER
	J 23590 SPARK PLUG PORT ADAPTER (14mm tapered seat)
	J 24086-A PISTON PIN REMOVER & INSTALLER SET (Featured on page 83)
	J 28428-B BLACK LIGHT LEAK DETECTOR (Includes 6-1 oz. containers of fluorescent oil additive) (Featured on page 97)
	J 28431-B FLUORESCENT OIL ADDITIVE (24-1 oz. containers)

¹⁸ Manufactured by Chevrolet

V-8 472, 500 C.I.D. & 6.0L CADILLAC¹⁹**J 3049
HYDRAULIC
VALVE
LIFTER
REMOVER**

This plier type device grips the outside diameter of the hydraulic valve lifter body without damaging the lifter.



**J 3074
HYDRAULIC VALVE
LIFTER TESTER**



**J 5830-1
VALVE GUIDE REAMER
(11/32" nominal .003 O.S.)**



**J 8062
VALVE SPRING
COMPRESSOR
(Head-off)**



**J 8080
MAIN BEARING SHELL
REMOVER & INSTALLER**



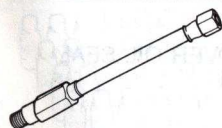
**J 21052-02
HARMONIC BALANCER
REMOVER & INSTALLER**



**J 21054
CAMSHAFT BUSHING
REMOVER & INSTALLER**



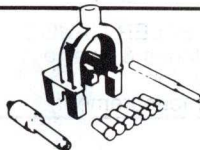
**J 22770
CRANKSHAFT FRONT
COVER OIL SEAL
INSTALLER**



**J 22794
SPARK PLUG PORT
ADAPTER
(14mm with gasket)**



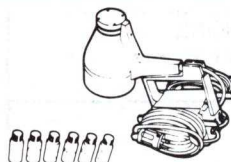
**J 22965
PISTON RING
COMPRESSOR
(3.8" dia.)**



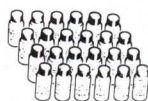
**J 24086-A
PISTON PIN REMOVER
& INSTALLER SET
(Featured on page 83)**



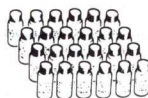
**J 26513-A
VALVE SPRING
COMPRESSOR
(Head-on)**



**J 28428-B
BLACK LIGHT LEAK
DETECTOR
(Includes 6-1 oz. containers
of fluorescent oil additive)
(Featured on page 97)**



**J 28431-B
FLUORESCENT OIL
ADDITIVE
(24-1 oz. containers)**



**J 29545
FLUORESCENT COOLANT
ADDITIVE
(24-1 oz. containers)**

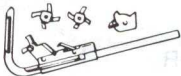





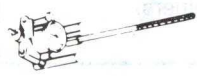
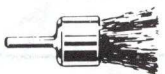

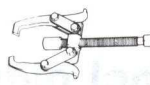
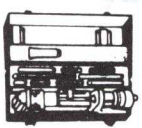





**J 33049
CAMSHAFT BEARING
REMOVER & INSTALLER**

**Special tools are tough to
organize . . .**

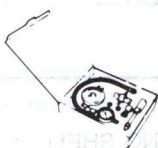
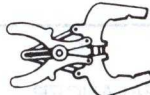


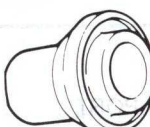
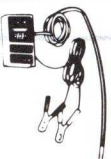
**See our organizational aids
on pages 4 & 5.**

1.8 LITER

	J 3936-03 PISTON RING GROOVE CLEANER
	J 5345-4 RING GAP FEELER GAUGE (Two .012" Blades & twelve .0015" Blades for incremental measurement)
	J 5347-B DIAL BORE GAUGE (3" to 8") (Use with J 23059-01)
	J 5902-01 CYLINDER HONE (2-1/2" to 5-3/4")
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5" dia.)
	J 8056 VALVE SPRING TESTER
	J 8087 CYLINDER BORE CHECKING GAUGE (2-1/2" to 9")
	J 8089 CARBON REMOVING BRUSH (Cast Iron Heads)
	J 8101 VALVE GUIDE CLEANER
	J 22888 UNIVERSAL PULLER
	J 23059-01 DIAL BORE GAUGE SETTING MASTER (3" to 8") (Use with J 5347-B)
	J 23129 FRONT COVER SEAL REMOVER (2 Req'd) (Use with J 24420-B)

	J 23600-B V-BELT TENSION GAUGE (Featured on page 92)
	J 24270 RIDGE REAMER (3" to 5")

J 24420-B HARMONIC BALANCER REMOVER	This puller fits the bolt pattern of the Harmonic Balancer and includes the necessary hardware for removal. J 24420-B adapts to many GM engines including the 1.8L, 2.2L & 4.3L diesel engines and 1.8L, 2.0L & 2.8L gas engines.
	

	J 25087-C OIL PRESSURE TESTER AND PUMP PRIMER
	J 25220 PISTON RING EXPANDER (3" to 4")
	J 25510 ENGINE MOUNT SOCKET
	J 26512 VALVE GUIDE REMOVER & INSTALLER
	J 26587 FRONT COVER OIL SEAL INSTALLER
	J 26925 MAG-TAC ENGINE TACHOMETER

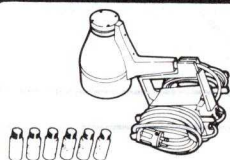
1.8 LITER (CONTINUED)



J 26999
COMPRESSION GAUGE
(Use with J 26999-20)
0 to 1000 P.S.I.
(Featured on page 95)



J 26999-20
COMPRESSION GAUGE
ADAPTER
(Use with J 26999)



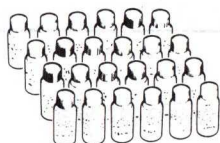
J 28428-B
HIGH INTENSITY BLACK
LIGHT
(Featured on page 97)



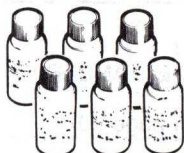
J 28429
BLACK LIGHT FILTER
(Replacement for
J 28428-B)



J 28430
BLACK LIGHT BULB
(Replacement for
J 28428-B)



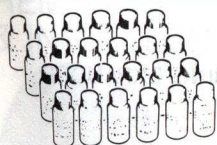
J 28431-B
FLUORESCENT OIL
ADDITIVE
(24 1 oz. containers)



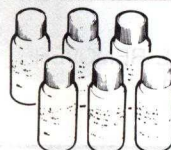
J 28431-6
FLUORESCENT OIL
ADDITIVE
(6 1 oz. containers)



J 28431-22
FLUORESCENT OIL
ADDITIVE
(1 22 oz. bottle)



J 29545
COOLANT FLUORESCENT
ADDITIVE
(24 1 oz. containers)



J 29545-6
COOLANT FLUORESCENT
ADDITIVE
(6 1 oz. containers)

J 29760 VALVE SPRING COMPRESSOR



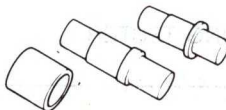
This tool is used to compress the valve springs on the 1.8L & 2.2L diesel engines with cylinder head on the engine. J 29760 has a unique 3/8" square drive allowing a standard ratchet or breaker bar to be positioned for clearance when used in the vehicle.



J 29761
CAMSHAFT HOLDING
PLATE



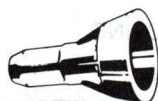
J 29763
STATIC TIMING GAUGE



J 29765
CONNECTING ROD
BUSHING REMOVER &
INSTALLER



J 29771
TIMING BELT TENSION
GAUGE



J 29818
REAR MAIN SEAL
INSTALLER
(Featured on page 93)



J 33182
CRANKSHAFT FRONT
SEAL INSTALLER



J 33183
CAMSHAFT SEAL
INSTALLER







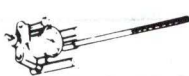



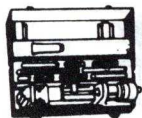
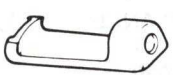


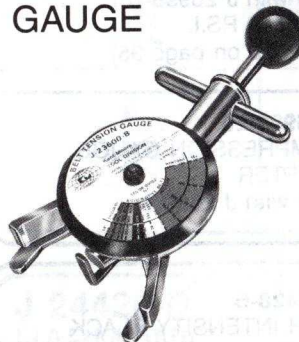
J 34029-A
DIGITAL MULTIMETER
(Featured on page 124)








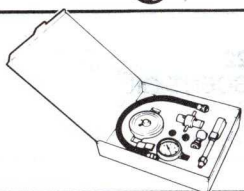
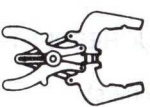

J 34116
CYLINDER BALANCE
TESTER
(Use with J 34029-A)
(Featured on page 93)

2.2 LITER

	J 3936-03 PISTON RING GROOVE CLEANER
	J 5345-4 RING GAP FEELER GAUGE (Two .012" Blades & twelve .0015" Blades for incremental measurements)
	J 5347-B DIAL BORE GAUGE 3" to 8" (Use with J 23059-01)
	J 5902-01 CYLINDER HONE (2-1/2" to 5-3/4")
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5")
	J 8056 VALVE SPRING TESTER
	J 8087 CYLINDER BORE CHECKING GAUGE (2-1/2" to 9")
	J 8089 CARBON REMOVING BRUSH (Cast iron heads)
	J 8101 VALVE GUIDE CLEANER
	J 22888 UNIVERSAL PULLER
	J 23059-01 DIAL BORE GAUGE SETTING MASTER 3" to 8" (Use with J 5347-B)
	J 23129 FRONT COVER SEAL REMOVER (2 Req'd) (Use with J 24420-B)

J 23600-B
V-BELT TENSION
GAUGE

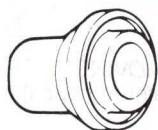
Proper belt tension eliminates slippage and increases efficiency of belt driven components in addition to ensuring maximum belt and bearing life. J 23600-B sets belt tension quickly and accurately with a range of 30 to 180 lbs/130-800 newtons.

	J 23907 CLUTCH PILOT BEARING REMOVER
	J 24250 FRONT CRANKSHAFT SEAL INSTALLER
	J 24254 CAMSHAFT SEAL INSTALLER
	J 24270 RIDGE REAMER (3" to 5")
	J 24420-B HARMONIC BALANCER REMOVER (Featured on page 90)
	J 25087-C OIL PRESSURE TESTER AND PUMP PRIMER
	J 25220 PISTON RING EXPANDER (3" to 4")
	J 26512 VALVE GUIDE REMOVER & INSTALLER

2.2 LITER (CONTINUED)



J 26516-A
PILOT BEARING
INSTALLER



J 26587
FRONT COVER OIL SEAL
INSTALLER



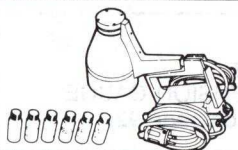
J 26925
MAG-TAC ENGINE
TACHOMETER



J 26999
COMPRESSION GAUGE
0 to 1000 P.S.I.
(Use with J 26999-20
(Featured on page 95))



J 26999-20
COMPRESSION GAUGE
ADAPTER
(Use with J 26999)



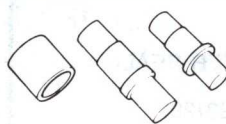
J 28428-B
HIGH INTENSITY BLACK
LIGHT
(Featured on page 97)



J 29760
VALVE SPRING
COMPRESSOR
(Featured on page 91)



J 29763
STATIC TIMING GAUGE



J 29765
CONNECTING ROD
BUSHING REMOVER &
INSTALLER



J 29771
TIMING BELT TENSION
GAUGE

J 29818 REAR MAIN OIL SEAL INSTALLER

J 29818 properly installs the rear main seal on the 1.8L and 2.2L diesel engines with the engine in or out of the vehicle.



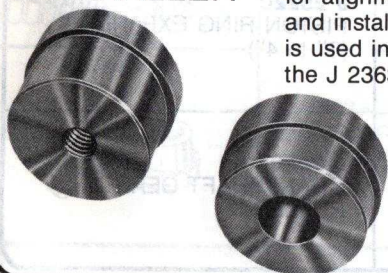
J 29927
OIL FILTER WRENCH



J 34029-A
DIGITAL MULTIMETER
(Featured on page 124)

J 29764-10 CAMSHAFT BEARING REMOVER & INSTALLER

This tool is used to remove the camshaft bearings from the cylinder block. The J 29764-10 drive head fits the bearing I.D. and the guide fits in the #1 bushing for alignment during removal and installation. J 29764-10 is used in conjunction with the J 23638-3 Driver Handle.





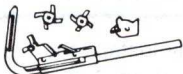






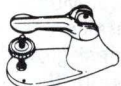

J 34116 CYLINDER BALANCE TESTER




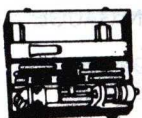




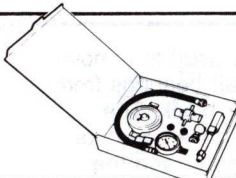
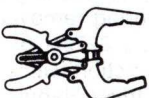

This tester is used with a Digital Multi-Meter, such as J 34029-A, to measure glow plug resistance. This allows the technician to diagnose diesel rough idle complaints. Plug the J 34116 Cylinder Balance Tester into the probe sockets of a Digital Multi-Meter, attach the alligator clips to the engines' glow plugs and to ground, then rotate the selector knob to observe the resistance reading of each cylinder. Comparing the reading to manufacturers' specs is the quick, easy, and accurate way to diagnose diesel rough idle problems.



4.3 LITER

(CONTINUED)

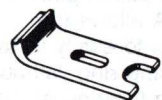
	J 1859-03 FRONT COVER SEAL REMOVER (Use with J 23129)
	J 2619-01 HEAVY DUTY SLIDE HAMMER (5/8—18 with 1/2—13 Adapter)
	J 3936-03 PISTON RING GROOVE CLEANER
	J 5345-4 RING GAP FEELER GAUGE (Two .012" Blade & twelve .0015" Blades for incremental measurement)
	J 5347-B DIAL BORE GAUGE 3" to 8" (Use with J 23059-01)
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (1 Gallon test oil included)
	J 5830-02 VALVE GUIDE REAMER SET (11/32" Nominal)
	J 5902-01 CYLINDER HONE (2-1/2" to 5-3/4")
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5")
	J 8056 VALVE SPRING TESTER
	J 8087 CYLINDER BORE CHECKING GAUGE (2-1/2" to 9")

	J 8101 VALVE GUIDE CLEANER
	J 8358 CARBON REMOVING BRUSH (Aluminum heads)
	J 8520 CAM LOBE LIFT INDICATOR
	J 23059-01 DIAL BORE GAUGE SETTING MASTER 3" to 8" (Use with J 5347-B)
	J 23129 FRONT COVER SEAL REMOVER (2 Req'd) (Use with J 1859-03)
	J 23600-B V-BELT TENSION GAUGE (Featured on page 92)
	J 24270 RIDGE REAMER (3" to 5")
	J 24420-B HARMONIC BALANCER PULLER (Featured on page 90)
	J 25087-C OIL PRESSURE TESTER AND PUMP PRIMER
	J 25220 PISTON RING EXPANDER (3" to 4")
	J 25287 CRANKSHAFT GEAR PULLER

4.3 LITER (CONTINUED)

**J 25289
VALVE STEM
HEIGHT GAUGE**

The J 25289 Valve Stem Height Gauge is used with a feeler gauge to check for proper valve stem height. This procedure is necessary after grinding or installing new valves on the 4.3L & 5.7L diesel engines and 260, 350 or 455 CID gas engines.



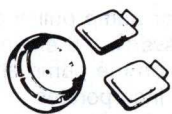
J 26220
VALVE SPRING
COMPRESSOR



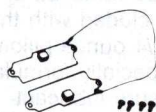
J 26251
VALVE SEAL INSTALLER



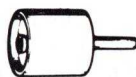
J 26925
MAG-TAC ENGINE
TACHOMETER



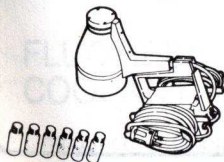
J 26996
MANIFOLD COVER SET



J 26996-10
MANIFOLD COVERS
(1985 only)



J 28425
PUMP ADAPTER SEAL
INSTALLER



J 28428-B
HIGH INTENSITY BLACK
LIGHT
(Featured on page 97)



J 28439
PUMP DRIVE BUSHING
REMOVER & INSTALLER
(Use with J 8092)

**J 26999
COMPRESSION
GAUGE**

The J 26999 Compression Gauge allows the technician to measure cylinder compression on the 4.3L & 5.7L diesel engines. The gauge measures from 0-1000 P.S.I. and features a quick connect fitting which simplifies installation. The J 26999-10, J 26999-20, and J 26999-30 adapters are used in conjunction with the J 26999 Compression Gauge to measure cylinder compression on 6.2L & 1.8L/2.2L diesel engines. J 26999-1 4.3L & 5.7 Compression Gauge Adapter is included with J 26999.



J 26999-1
4.3L x 5.7 COMPRESSION
GAUGE ADAPTER
(INCLUDED WITH J 26999)



J 26999-10
6.2L COMPRESSION
GAUGE ADAPTER



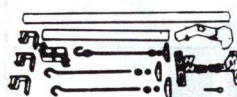
J 26999-20
1.8L/2.2L COMPRESSION
GAUGE ADAPTER



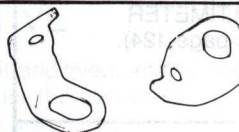
J 26999-30
6.2L COMPRESSION
GAUGE ADAPTER
(All G Van & K Series with
quad front shocks)



J 28440
GLOW PLUG PORT
AIRLINE ADAPTER

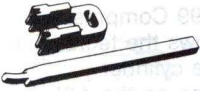
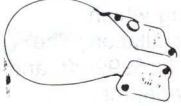




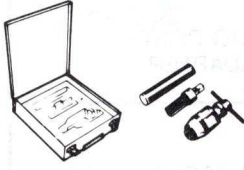

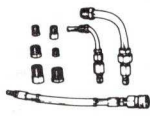


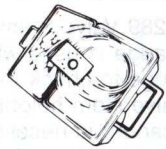

J 28467-A
ENGINE SUPPORT
FIXTURE
(Transverse drive only)



J 28467-45
ENGINE LIFTING HOOKS
(A-car only)
Use with J 28467-A

4.3 LITER (CONTINUED)

	J 29368-A REAR MAIN OIL SEAL PACKER
	J 29657 MANIFOLD COVERS (Thru 84)
	J 29659-A FRONT COVER OIL SEAL INSTALLER
	J 29786 WATER PUMP PULLEY INSTALLER
	J 33049 CAMSHAFT BEARING REMOVER & INSTALLER
	J 33052 CYLINDER HEAD THREAD REPAIR KIT
	J 33199 CYLINDER HEAD PLUG THREAD REPAIR KIT
	J 34029-A DIGITAL MULTIMETER (Featured on page 124).
	J 34111 OIL COOLER PRESSURE TESTER


	J 34116 CYLINDER BALANCE TESTER (Use with J 34029-A) (Featured on page 93)
	J 34144 VALVE COVER SEAL BREAKER (Featured on page 99)

**J 34594-A
PISTON PIN
RETAINING RING
INSTALLER**

The 1984 & 1985 4.3L and 5.7L diesel engines utilize a round wire snap ring to retain the piston pin. J 34594-A allows the technician to easily install the retaining ring without damaging the ring or piston. Complete instructions are included.

**J 34689
WATER PUMP
PULLEY
REMOVER**

The water pump pulley on the transverse V-6 engine is press fit on the pump shaft. J 34689 incorporates a compact design allowing the pulley to be removed in the vehicle. Included with the tool is a 1/4 ounce pillow pack of specially formulated high-pressure lubricant (J 23444-A) for use on the threads of the J 34689.

	J 34749 REAR MAIN SEAL INSTALLER (Use with J 8092)
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ALL ENGINES

J 28428-B HIGH INTENSITY BLACK LIGHT

The J 28428-B Leak Detector allows the technician to pinpoint the source of engine, transmission, power steering or cooling system leaks in minutes...even in well lighted areas.

Includes:

- 6 (1 oz.) Containers of oil additive.
- Special 5" diameter filter that eliminates visible white light.
- Filter is recessed to prevent breakage.
- Lamp head rotates full 360° and is removable from base with 20 ft. cord for hand use.
- Transformer has 3-wire cord for extra safety, operates on 115 volts, 60 Hz.
- UL listed.

Service Parts

J 28429
BLACK LIGHT FILTER

J 28430
BLACK LIGHT BULB

J 28431-B
FLUORESCENT OIL ADDITIVE,
24 (1 oz.) Containers

J 28431-6
FLUORESCENT OIL ADDITIVE,
6 (1 oz.) Containers

J 28431-22
FLUORESCENT OIL ADDITIVE,
1 (22 oz.) Bottle

J 29545
FLUORESCENT COOLANT ADDITIVE,
24 (1 oz.) Containers

J 29545-6
FLUORESCENT COOLANT ADDITIVE,
6 (1 oz.) Containers

The oil and coolant additives are not harmful to engines, transmissions, or power steering systems and may remain in the engine or components after use.





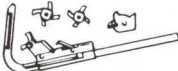











FLUORESCENT COOLANT ADDITIVE



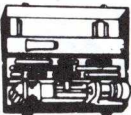



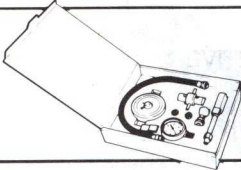
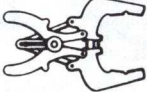


One ounce of Coolant Additive helps pinpoint leaks in radiators, water hoses, heaters, and engine parts such as water pump and freeze plugs. The additive glows a bright green color and is water soluble for ease in clean-up and repeat inspections.

FLUORESCENT OIL ADDITIVE

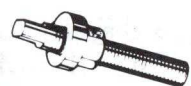
One ounce of oil additive contains enough fluorescent dye for the average engine. Leaking oil from a transmission, crankcase or power steering assembly will fluoresce a brilliant yellow with the J 28428-B High Intensity Black Lamp.

5.7 LITER

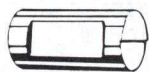
	J 1859-03 FRONT COVER SEAL REMOVER (Use with J 23129)
	J 2619-01 HEAVY DUTY SLIDE HAMMER (5/8—18 with 1/2—13 adapter)
	J 3936-03 PISTON RING GROOVE CLEANER
	J 5345-4 RING GAP FEELER GAUGE (Two .012" Blades & twelve .0015" Blades for incremental measurement)
	J 5347-B DIAL BORE GAUGE 3" to 8" (Use with J 23059-01)
	J 5790-01 HYDRAULIC VALVE LIFTER TESTER (Includes 1 gallon of test oil)
	J 5830-02 VALVE GUIDE REAMER SET (11/32" nominal)
	J 5902-01 CYLINDER HONE (2-1/2" to 5-3/4")
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5")
	J 8056 VALVE SPRING TESTER
	J 8087 CYLINDER BORE CHECKING GAUGE (2-1/2" to 9")
	J 8089 CARBON REMOVING BRUSH (Cast Iron heads)
	J 8101 VALVE GUIDE CLEANER (Universal)
	J 8520 CAM LOBE LIFT INDICATOR

	J 8614-01 HARMONIC BALANCER REMOVER (Use with J 21052-8)
	J 21052-8 HARMONIC BALANCER REMOVER ADAPTER (3/4") This adapter threads into the crankshaft and allows the Harmonic Balancer to be removed with a remover such as J 8614-01 or J 23523-E. This adapter is required on 5.7L diesel and 260, 350, and 455 CID gas engines.
	J 23059-01 DIAL BORE GAUGE SETTING MASTER 3" to 8" (Use with J 5347-B)
	J 23129 FRONT COVER SEAL REMOVER (2 req'd) (Use with J 1859-03)
	J 23600-B V-BELT TENSION GAUGE (Featured on page 92)
	J 24270 RIDGE REAMER (3" to 5")
	J 25087-C OIL PRESSURE TESTER AND PUMP PRIMER
	J 25220 PISTON RING EXPANDER (3" to 4")
	J 25264-A FRONT COVER SEAL INSTALLER
	J 25287 CRANKSHAFT GEAR PULLER

5.7 LITER (CONTINUED)



J 25288
VIBRATION DAMPER
INSTALLER



J 25289
VALVE STEM HEIGHT
GAUGE



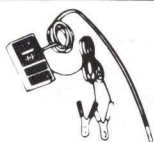
J 26220
VALVE SPRING
COMPRESSOR



J 26251
VALVE SEAL INSTALLER



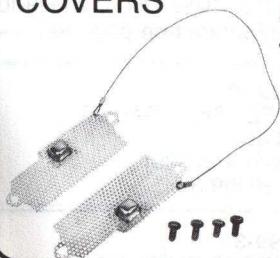
J 26896
STATIC TIMING GAUGE



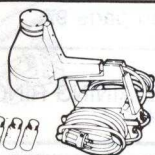
J 26925
MAG-TAC ENGINE
TACHOMETER

J 26996
MANIFOLD
COVER SET
J 26996-10
INTAKE
MANIFOLD
COVERS

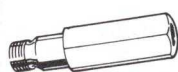
The J 26996 Manifold Cover Set prevents loose parts from entering the engine when the air cleaner or crossover manifold is removed. When servicing 1981-current 5.7L or 1985 4.3L diesel engines, the J 26996-10 Manifold Cover Set must be used with J 26996.



J 26999
COMPRESSION GAUGE
(0-1000 P.S.I.)
(Featured on page 95)



J 28428-B
HIGH INTENSITY BLACK
LIGHT
(Featured on page 97)



J 28440
GLOW PLUG PORT
AIRLINE ADAPTER



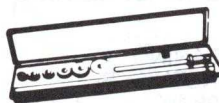
J 28693
REAR MAIN OIL SEAL
INSTALLER



J 29368-A
REAR MAIN OIL SEAL
PACKER



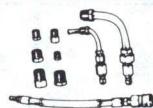
J 29589
CRANKCASE FLOW
CONTROL VALVE WRENCH
(1-1/8")



J 33049
CAM BEARING DRIVER



J 34029-A
DIGITAL MULTIMETER
(Featured on page 124)



J 34111
OIL COOLER PRESSURE
TESTER

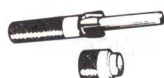


J 34116
CYLINDER BALANCE
TESTER
(Use with J 34029-A)
(Featured on page 101)

J 34144
VALVE COVER
SEAL BREAKER







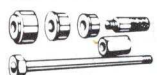






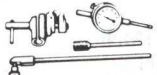


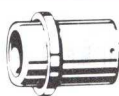
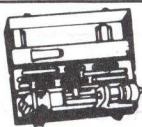
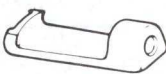


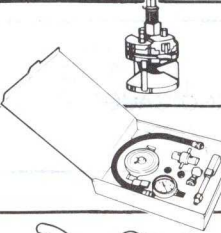
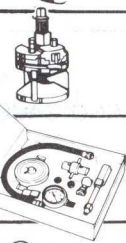
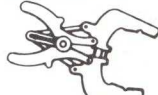
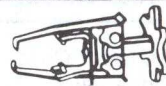




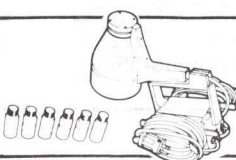

The valve covers on many GM engines use a highly adhesive RTV sealant. Valve cover removal is very difficult without the J 34144 Valve Cover Remover. To use J 34144, simply remove the valve cover bolts, position the tool on the inside edge of the valve cover and tighten the forcing screw.



J 34594-A
PISTON PIN RETAINING
RING INSTALLER
(Featured on page 96)

6.2 LITER

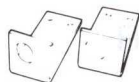
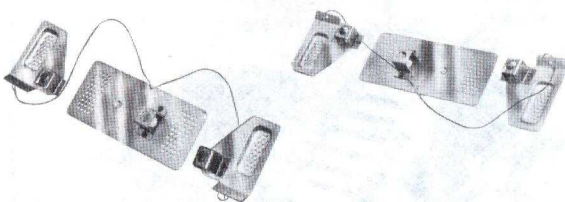
	J 3936-03 PISTON RING GROOVE CLEANER
	J 5345-4 RING GAP FEELER GAUGE (Two .012" Blades & twelve .0015" Blades for incremental measurements)
	J 5347-B DIAL BORE GAUGE 3" to 8" (Use with J 23059-01)
	J 5830-02 VALVE GUIDE REAMER SET (11/32 nominal)
	J 5902-01 CYLINDER HONE (2-1/2" to 5-3/4")
	J 6098-01 CAMSHAFT BEARING REMOVER & INSTALLER (Use with J 6098-10)
	J 6098-10 CAMSHAFT BEARING REMOVER & INSTALLER ADAPT. (Use with J 6098-01)
	J 8037 PISTON RING COMPRESSOR (2-1/8" to 5")
	J 8056 VALVE SPRING TESTER
	J 8062 VALVE SPRING COMPRESSOR (Head off)
	J 8087 CYLINDER BORE CHECKING GAUGE (2-1/2" to 9")
	J 8089 CARBON REMOVING BRUSH (Cast Iron Heads)
	J 8101 VALVE GUIDE CLEANER
	J 8520 CAM LOBE LIFT INDICATOR

	J 22102 FRONT COVER ALIGNER & SEAL INSTALLER
	J 23059-01 DIAL BORE GAUGE SETTING MASTER 3" to 8" (Use with J 5347-B)
	J 23129 FRONT COVER SEAL REMOVER (Used with J 6125-1B)
	J 23523-E HARMONIC BALANCER REMOVER & INSTALLER
	J 23600-B V-BELT TENSION GAUGE
	J 24270 RIDGE REAMER (3" to 5")
	J 25087-C OIL PRESSURE TESTER AND PUMP PRIMER
	J 25220 PISTON RING EXPANDER (3" to 4")
	J 26513-A VALVE SPRING COMPRESSOR (Head on)
	J 26925 MAG-TAC ENGINE TACHOMETER
	J 26999 COMPRESSION GAUGE 0-1000 P.S.I. (Use with J 26999-10 & -30) (Featured on page 95)
	J 26999-10 COMPRESSION GAUGE ADAPTER (Use with J 26999) See J 26999-30
	J 26999-30 COMPRESSION GAUGE ADAPTER (Van G & K Series with quad front shocks (Use with J 26999)
	J 28428-B HIGH INTENSITY BLACK LIGHT (Featured on page 97)
	J 29134-A PISTON RETAINING RING INSTALLER

6.2 LITER (CONTINUED)

**J 29664
MANIFOLD
COVER SET**

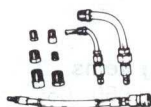
When the air cleaner or manifold assembly is removed during service, J 29664 is used to prevent loose parts from entering the engine. The manifold covers are designed to allow the engine to be operated when they are bolted in place with the intake manifold bolts.



**J 33888
ENGINE LIFTING
FIXTURE**
(G Van only)



**J 34029-A
DIGITAL MULTIMETER**
(Featured on page 124).



**J 34111
OIL COOLER PRESSURE
TESTER**

**J 34116
CYLINDER
BALANCE
TESTER**

This tester is used with a Digital Multi-Meter, such as J 34029-A, to measure glow plug resistance. This allows the technician to diagnose diesel rough idle complaints. Plug the J 34116 Cylinder Balance Tester into the probe sockets of a Digital Multi-Meter, attach the alligator clips to the engines' glow plugs and to ground, then rotate the selector knob to observe the resistance reading of each cylinder. Comparing the reading to manufacturers' specs is the quick, easy, and accurate way to diagnose diesel rough idle problems.



**J 29666
GLOW PLUG PORT
AIRLINE ADAPTER**



**J 29834
HYDRAULIC VALVE
LIFTER REMOVER**



**J 29872
INJECTION PUMP
ADJUSTING TOOL**



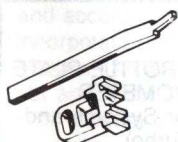
**J 33042
STATIC TIMING GAUGE**



**J 33043-A
VACUUM VALVE GAUGE
SET**



**J 33153
REAR MAIN OIL SEAL
INSTALLER**



**J 33154
REAR MAIN UPPER SEAL
PACKER**



**J 34140
PILOT BEARING
INSTALLER**



**J 34750
CHECK ENGINE LIGHT**

GENERAL CARBURETOR

J 9789-D UNIVERSAL CARBURETOR GAUGE SET

The J 9789-D Universal Carburetor Gauge Set provides the most convenient and economical method of rapidly performing complete and efficient carburetor service. Easy to use, the set eliminates the need for you to purchase additional gauges every time you desire to service a different carburetor.

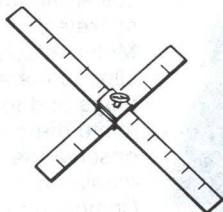
Assorted Gauges

The Gauge Set consists of the following items: .015, .020, .025, .030, .035, .040, .045, .050, .055, .060, .065, .070, .075, .080, .085, .090, .095, .100, .110, .120, .130, .140, .150, .160, .170, .180, .190, .200, .215, .230, .245, and .260 wire gauges, .275, .300, .325, .350, .375, .400, .450, and .500 plug gauges, .375, .375, .400, .430, and .450 flat gauges.

An adjustable sliding cable for float drop and other measurements. A linkage bending tool, an adjustable carburetor stand, and five carburetor float level gauges.



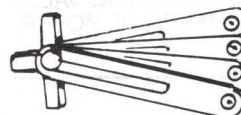
SET INCLUDES:
J 9789-90
Float Level T-Scale



J 9789-111
Linkage
Bending Tool



J 9789-118
Carburetor
Stand






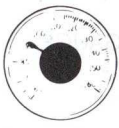

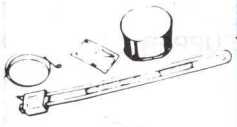
J 34935-130
External Float
Level Gauge
(Black)
(Includes 5)



J 26701-A
Carburetor
Choke Angle
Gauge



	J 10185-01 POWER VALVE SOCKET Holley 5200
	J 22646-02 REMOTE CONTROL CARBURETOR ADJUSTMENT WRENCH (1/4" Drive) (Includes 1/4" Socket)
	J 22967-B REMOTE CONTROL CARBURETOR ADJUSTMENT WRENCH (Flexible) Includes 1/8" Hex & Screwdriver Bit

	J 22973-A THER-MAC AIR CLEANER THERMOMETER (60°F - 160°F)
	J 23433 MULTIPLE CARBURETOR SYNCHRONIZER (All Dual Carburetor Systems)
	J 23951 CARBURETOR THROTTLE PLATE CALIBRATOR MANOMETER (All Dual Carburetor Systems and 1978-83 3.8 L V-6 Turbo)

GENERAL CARBURETOR (CONTINUED)

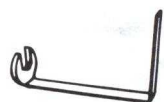
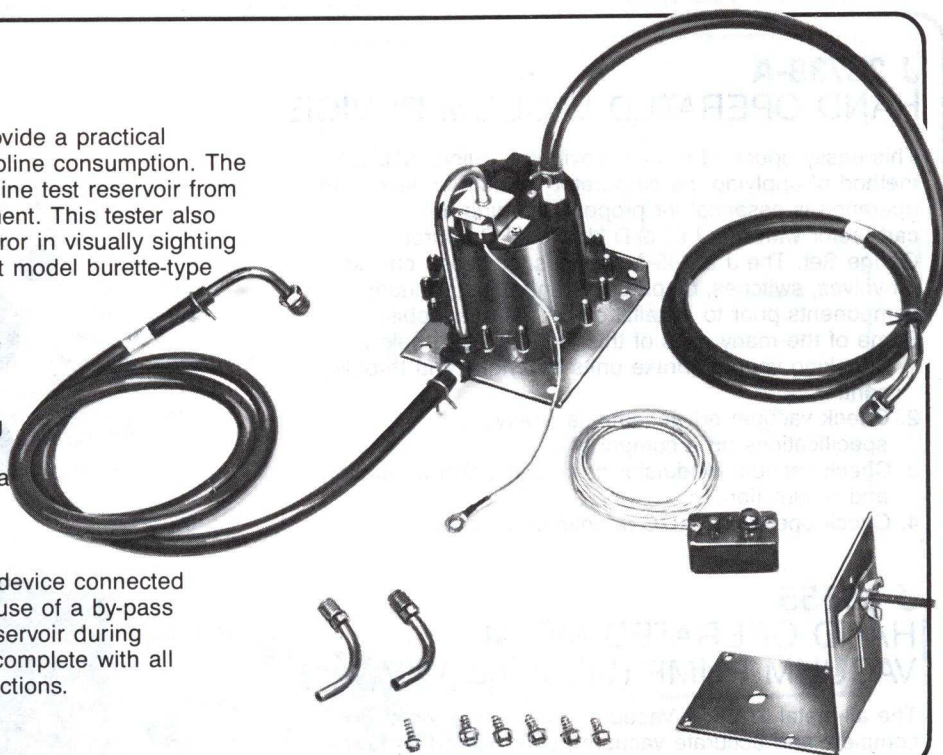
J 28690 GAS-PER MILE GAUGE

The J 28690 has been designed to provide a practical method of determining automotive gasoline consumption. The Gas-Per Mile gauge removes the gasoline test reservoir from the vicinity of the passenger compartment. This tester also eliminates the possibility of operator error in visually sighting the gauge line, which was used in past model burette-type testers.

You control the operation of the unit from the driver's seat by an electrically controlled push-button switch.

To start a test, simply push the button which energizes the sensor light telling the operator a test is in process. The sensor light will stay on until 1/10th of a gallon of gasoline is used. The test reservoir will automatically refill within 30 seconds after a test is completed.

The J 28690 enables you to keep the device connected for an extended period of time by the use of a by-pass that diverts the fuel around the test reservoir during normal vehicle operation. This unit is complete with all necessary fittings, and complete instructions.



J 26510
CARBURETOR WRENCH
(Opel 1976-79)



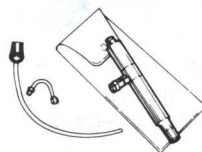
J 26911
PROPANE ENRICHMENT
DEVICE



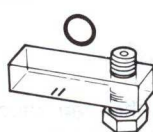
J 28474
TURBO COMPOUND GAUGE
(Buick-Chevrolet V-6)



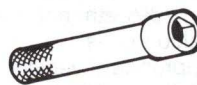
J 28504
TURBO-POWER
ENRICHMENT VALVE
MANOMETER KIT
(Buick-Chevrolet V-6)



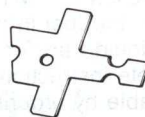
J 34024
CHOKE TESTER
(Use with shop air 0° - 160°F)
(Featured on page 105)



J 34883
FLOAT LEVEL GAUGE
Chevrolet Sprint - Non-
U.S. Models



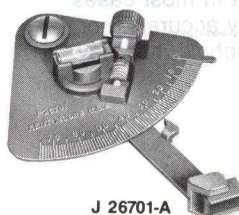
J 34884
CARBURETOR IDLE MIXTURE
ADJUSTER
Chevrolet Sprint — All except
U.S. and Canadian Models



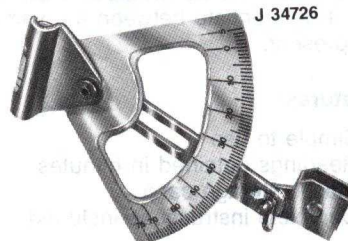
J 35554
THROTTLE PLATE ANGLE
GAUGE
Chevrolet Spectrum

CHOKE ANGLE GAUGES

Carburetor choke angle adjustments must be set to angle specifications. These adjustments can be made quickly and accurately with the use of these gauges. These tools incorporate precision screw adjustment for zeroing the level bubble. These gauges can be used on all current model 2 bbl and 4 bbl carburetors to check and adjust the choke rod, vacuum brake (front and rear), and unloader angle settings.



J 26701-A

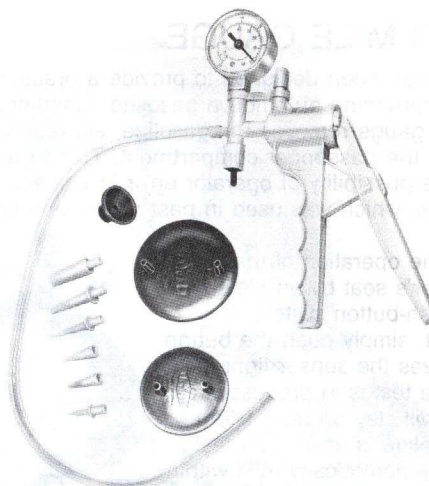


J 34726

GENERAL CARBURETOR (CONTINUED)**J 23738-A
HAND OPERATED VACUUM DEVICE**

This easily operated device provides a quick, efficient method of applying the carburetor vacuum brakes. This operation is essential for properly gauging the carburetor with the J 9789-D Universal Carburetor Gauge Set. The J 23738-A provides for bench checks on valves, switches, diaphragms and other vacuum components prior to installation on the automobile. Some of the many uses of this tool are listed below.

1. Checking vacuum brake units for choke and throttle control.
2. Check vacuum advancements relative to specifications on a component.
3. Check vacuum modulator on transmission for leaks and modulation.
4. Check operation of C.C.S. units in air cleaner.

**J 35555
HAND OPERATED METAL
VACUUM PUMP (Silverline Mity Vac)**

The all-metal J 35555 Vacuum Pump is the most complete and accurate vacuum pump offered by Kent-Moore. The all-metal design is fully repairable and features a new easy-to-read gauge.

Includes:

- Automotive adapter package
- 5 lengths of clear tubing
- Reservoir jar
- Transfer cap
- Rubber suction cup
- User manual
- Molded storage case

**J 34353
ALCOHOL DETECTION KIT**

Fuel containing excessive amounts of alcohol can affect vehicle driveability, emissions and fuel economy, in addition to possibly damaging fuel system components. Generally, gasoline containing more than 10% ethanol (grain alcohol), or 5% methanol (wood alcohol), is considered excessive. NOTE: Consult appropriate vehicle manufacturer/distributor for specific guidelines.

If an excessive amount of alcohol in the fuel is suspected, the J 34353 Alcohol Detection Kit, will measure the percentage of alcohol in the fuel in a few minutes. The J 34353 includes five liquid transfer pipettes in a plastic storage case with complete instructions. Additional transfer pipettes are available by ordering J 34353-5 (pkg. of 5).

NOTE: This test will detect alcohol content in most cases but is not to be considered as scientifically accurate, nor will it differentiate between the various alcohols that may be present.

Features:

- Simple to use
- Readings obtained in minutes
- Plastic storage case
- Complete instructions included

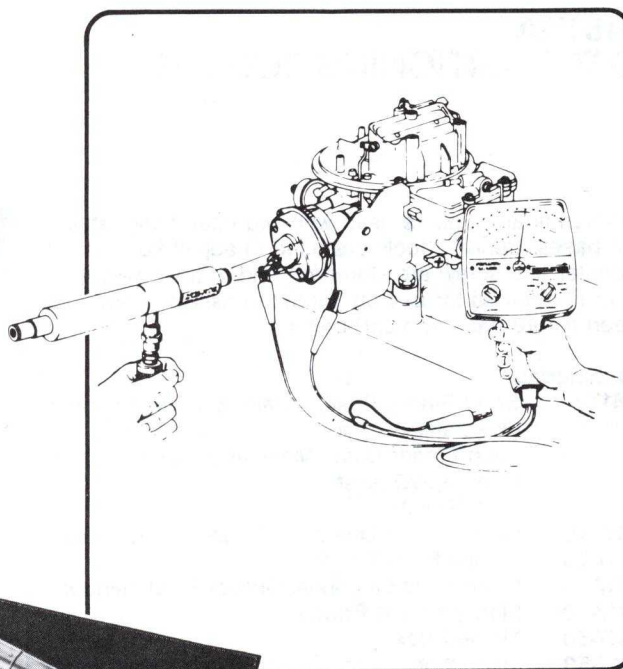
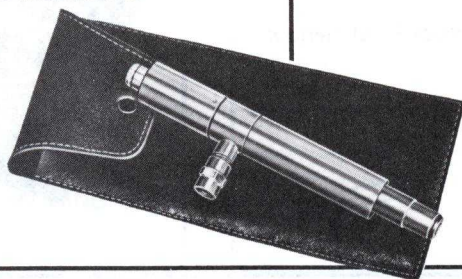


CHOKE

J 34024 CHOKE TESTER

This unique time-saving service tool creates hot and cold air with no moving parts. Using shop air as its only source of power, the CHOKE TESTER discharges cold air (to 0°F.) from one end and hot air (to 160°F.) from the other. It can be used with equal performance on hot or cold engines. May also be used in testing automatic temperature control systems or other temperature sensors. This simple tool allows fast heating and cooling of the choke cap to check for malfunction. Hours of waiting for the carburetor to reach cold start conditions are no longer necessary. Using the tubing and fittings supplied with the CHOKE TESTER, the bi-metal spring can also be checked for proper function—in minutes!

- No Training Required
- Vinyl Carrying Case & Complete Instructions Included



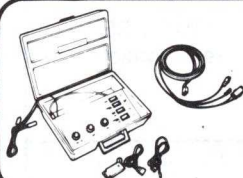
FUEL GAUGES



J 24156
FUEL GAUGE TESTER
Universal

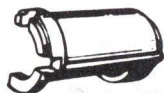


J 24538-A
FUEL & TEMPERATURE
GAUGE TESTER
Universal



J 33431-B
INSTRUMENT PANEL
TESTER
(Featured on page 165)

FUEL TANK



J 23346
FUEL TANK SENDING UNIT
REMOVER & INSTALLER
(1.92" Retaining Ring Dia.)



J 24187
FUEL TANK SENDING UNIT
REMOVER & INSTALLER
(3.10" Retaining Ring Dia.)



J 28692
FUEL TANK SENDING UNIT
REMOVER & INSTALLER
(All "X" Car)

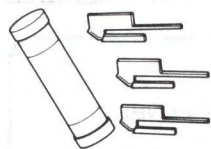
ROCHESTER CARBURETORS

J 34817-A FLOAT POSITIONING TOOL SET

A common float weight is used with two interchangeable fixture bases. Bending tools are used to adjust float height. An adapter and screw are stored on end of float weight. Adapter is required for use on Varajet to assure a firm lock between fixture base and carburetor.

Parts Included:

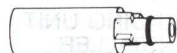
- J 34817-10** Short Finger Base, Varajet & Closed Loop Quadrajets/Dualjet
Long Finger Base, Monojet & Open Loop Quadrajets/Dualjet
Float Weight
- J 34817-15** Closed Loop Quadrajets/Dualjet Float Bender
- J 34817-20** Varajet Float Bender
- J 34817-25** Open Loop Quadrajets/Dualjet Float Bender
- J 34817-30** Monojet Float Bender
- J 34817-50** Molded Box
- J 34817-53** Instructions



J 9789-135
FLOAT LEVEL GAUGE SET
(1979-1/2 to Current Varajet)



J 9789-150
SLIDING FLOAT LEVEL SCALE
(1979-1/2 to Current Varajet)



J 22769
NEEDLE VALVE SEAT
REMOVER & INSTALLER
(Quadrajets/Dualjet)



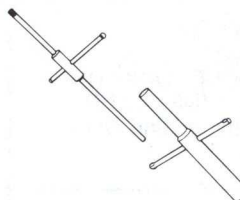
J 23417
CHOKE LEVER INSTALLER
(Quadrajets/Dualjet)



J 23443
FUEL INLET NUT WRENCH 1"
(Quadrajets/Dualjet)

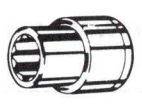



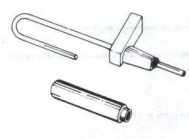
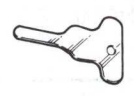
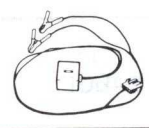
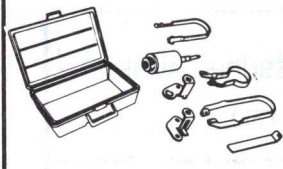




J 28634
IDLE MIXTURE SCREW
SOCKET - 1/4" Hex
(Thru 1978)

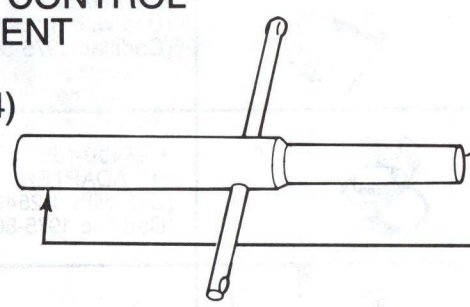


J 28696-D
MIXTURE CONTROL
ADJUSTMENT SET
(Featured on next page)

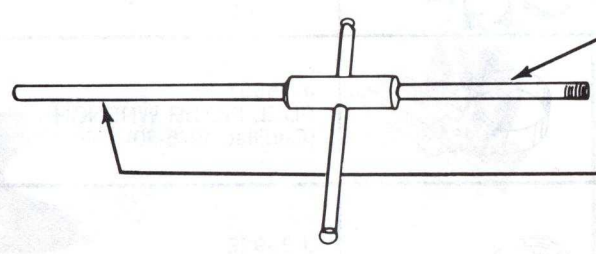
ROCHESTER CARBURETORS (CONTINUED)

	J 28706 IDLE MIXTURE SCREW SOCKET - 4.5 mm (1979)
	J 29030-B IDLE MIXTURE SOCKET - Double-D (1979 to Current)
	J 29607 ISC ADJUSTING WRENCH (1981 to Current except J-Car)
	J 29831 ISC ADJUSTING WRENCH (1981 to Current except 2.5 L-4)
	J 33815 MIXTURE CONTROL & AIR BLEED VALVE GAUGING SET (Quadrajet/Dualjet)
	J 33817 AIR BLEED ADJUSTING TOOL (Quadrajet/Dualjet)
	J 34025 IDLE SPEED CONTROL MOTOR TESTER
	J 34817-A FLOAT POSITIONING TOOL SET (All Rochester 1984 to Current) (Featured on page 106)
	J 34928 DUAL PUMP VALVE REMOVER & INSTALLER (Truck Quadrajet 1985)
	J 34935-130 EXTERNAL FLOAT LEVEL GAUGE (Pkg. of 5) (Quadrajet/Dualjet)

J 28696-D MIXTURE CONTROL ADJUSTMENT SET (C-3 & C-4)



- 1. Main Metering Set
Removal And
Installation
- 2. Mixture control
Solenoid (Rich) Screw
Remover








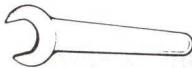
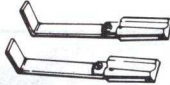

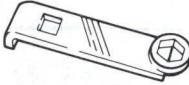
- 3. Mixture Control
Solenoid (Rich & Lean)
Screw Adjusting
Wrench
- 4. Lean Authority Screw
- 5. Idle Air Bleed
- 6. Throttle Position
Sensor Screw (2.5mm)
Adjusting Wrench

DUALJET 210 (Model E2ME- E2MC)	QUADRAJET (Model E4ME- E4MC)	VARJET (Model E2SE)
•	•	
•	•	
•	•	
•	•	•
		•
•	•	

FUEL-GASOLINE

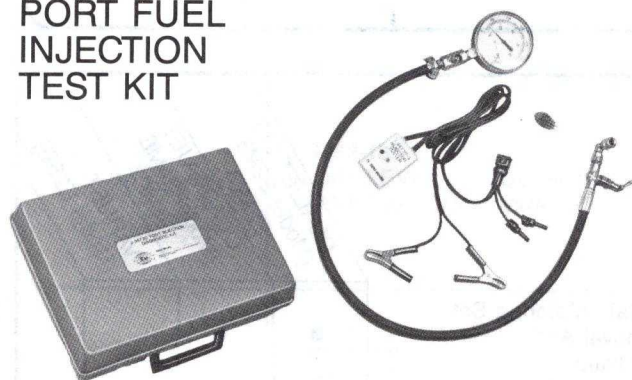
THROTTLE BODY INJECTION

	J 23951 CFI BALANCE MANOMETER All
	J 26868 INJECTOR REMOVER
	J 29658-A FUEL PRESSURE GAUGE (0-15PSI)
	J 29658-85 FUEL PRESSURE GAUGE ADAPTER (1-8L, 2.0L, 4.3L)
	J 29698-A FUEL LINE WRENCH 3/4"

	J 33031 IDLE AIR VALVE WRENCH 32MM
	J 33047 IDLE AIR VALVE PLUG SET
	J 34020 FUEL PRESSURE GAUGE J-Car 2.0 L
	J 34062 BANJO BOLT WRENCH 15MM (2.0L Fuel Inlet)

FUEL INJECTION

J 34730-A PORT FUEL INJECTION TEST KIT








J 34730-A is used to diagnose and service the MFI (Multi-Port Fuel Injection) and SFI (Sequential Fuel Injection) systems.

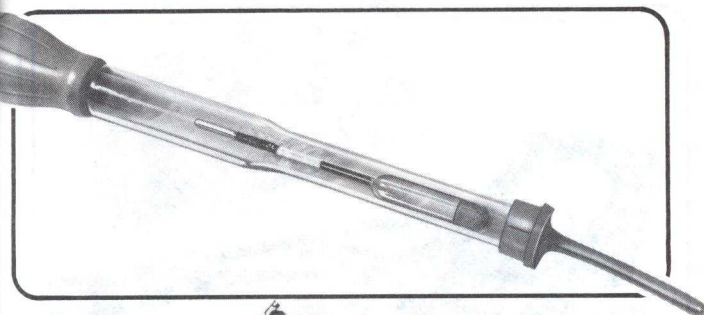
The Kit Includes:

- Fuel Pressure Gauge (J 34730-1)
A kPa/psi dual scale gauge which is used to check fuel pump pressure and compare injectors for equal fuel distribution.
- Test Light (J 34730-2)
Plugs into the injector connector to check for electrical impulses from the ECM to the injector.
- Injector Tester (J 34730-3)
Separately energizes each injector to compare for equal fuel impulses over a constant time interval which allows the technician to pinpoint a faulty injector.

The tools are packaged in a durable plastic case and complete operating instructions are included.

"PICTURE NOT AVAILABLE"	J 7090-01 FUEL INJECTION CALIBRATION KIT (Corvette 1957-62)
	J 25400 EFI ANALYZER (Use with J 25400-10) (Cadillac 1975-80)
	J 25400-10 EFI ADAPTER (Use with J 25400) (Cadillac 1975-80)
	J 25400-400 FUEL LINE ADAPTER (Cadillac 1975-80)
	J 26567 FUEL FILTER WRENCH (Cadillac 1975-80)
	J 26988 DIAGNOSTIC KIT (Cadillac 1975-80)

GENERAL

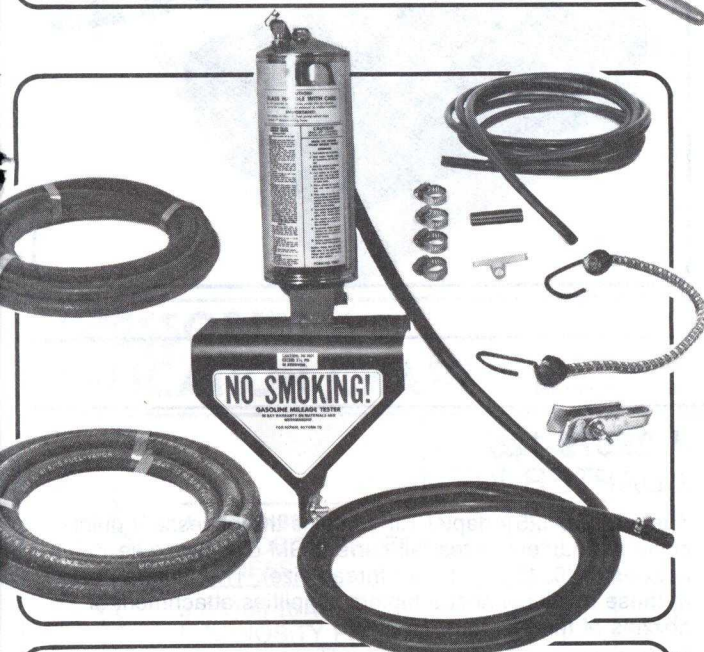


J 34352 DIESEL FUEL QUALITY TESTER

To determine if diesel fuel quality should be considered a part of diagnosing an engine performance problem, the J-34352 Hydrometer will give the technician an indication of diesel fuel quality.

Features:

- Easy to read scale
- Special molded tip impervious to diesel fuel
- Instructions on glass barrel



J 33933 DIESEL MILEAGE TESTER

The J 33933 Diesel Mileage Tester is used to accurately test mileage on diesels with an engine-mounted mechanical fuel pump.

J 33933 Features:

- Mounts on driver or passenger door
- Self-contained control valve
- 1/10 gallon capacity
- Extremely accurate and repeatable
- Quick, easy hook-up
- Return line shut-off clamp included
- Universal mounting brackets
- Complete instructions included



J 29653-A ULTRASONIC NOZZLE CLEANER

- Cleans a complete set of 6 to 8 poppet nozzles quickly at one time.
- Specially designed stainless steel tray holds nozzles in matched sets.
- Cleaning solution is heated and ultrasonically agitated for fast cleaning.

The J 29653-A is designed for fast, complete cleaning of GM poppet-type nozzles used in 1980 to 1985 passenger car diesel engines.

J 29653-A consists of:

- J 29653-1 Cleaning Tank/Generator Unit
- J 29653-2 1 lb. of Cleaning Powder mixes with water to make solution (4 teaspoons to 3/4 gallon)
- J 29653-3 Nozzle Disassembly tool
- J 29653-4 Parts Tray and easy to follow instructions

Specifications:

Tank Dimensions: 5"W x 9"L x 4"D

Tank Capacity: 1/4 Gallon

Cleaning Power: 100 Watts

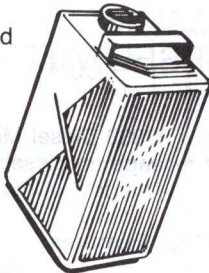
Elec: 115V, 60 Cycle. All circuitry is solid state for long, trouble-free life. Generator and heater have separate controls.

GENERAL (CONTINUED)

J 29075-B NOZZLE TESTER

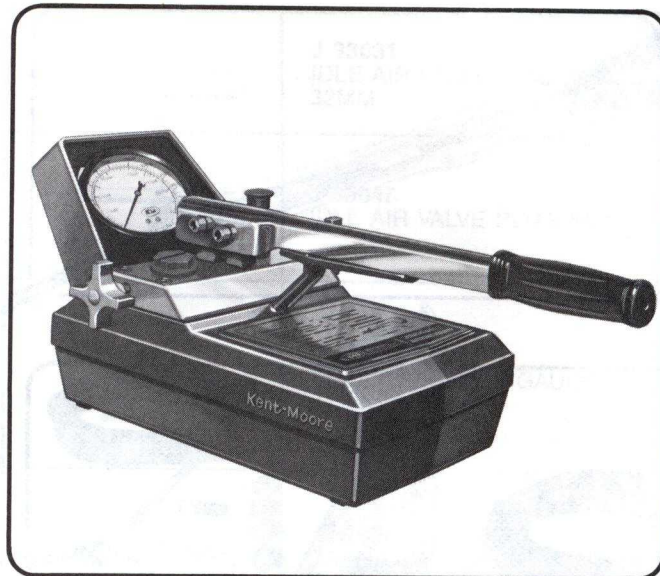
This portable tester is designed for quick, easy testing of injection nozzle opening pressure, leakage, chatter, and spray pattern. J 29075-B features include:

1. Dual scale pressure gauge (0-5,000 psi, 0-35,000 kPa).
2. Large capacity .9 gallon reservoir for test fluid with 5 micron filter.
3. Rugged, portable design with carrying handle and metal gauge protector for bench testing of nozzles.
4. Has both pressure gauge damper/shut-off valve and pressure drain valve.
5. Supplied with one gallon of test fluid and test beaker to catch nozzle spray (J 26400-1).



J 26400-1 NOZZLE TEST OIL - ONE GALLON

(Use with J 29075-B)



ADAPTER SETS (not included with J 29075-B)

J 29079-60 UPDATE ADAPTER KIT

The J 29079-60 Kit has the necessary parts to update the previously released J 29079-10 Adapter Kit with quick-connect adapter for 9/16 and 12mm thread size. The J 29079-3 (14mm) Adapter Nut for the 6.2 V-8 diesel is available separately.

Includes:

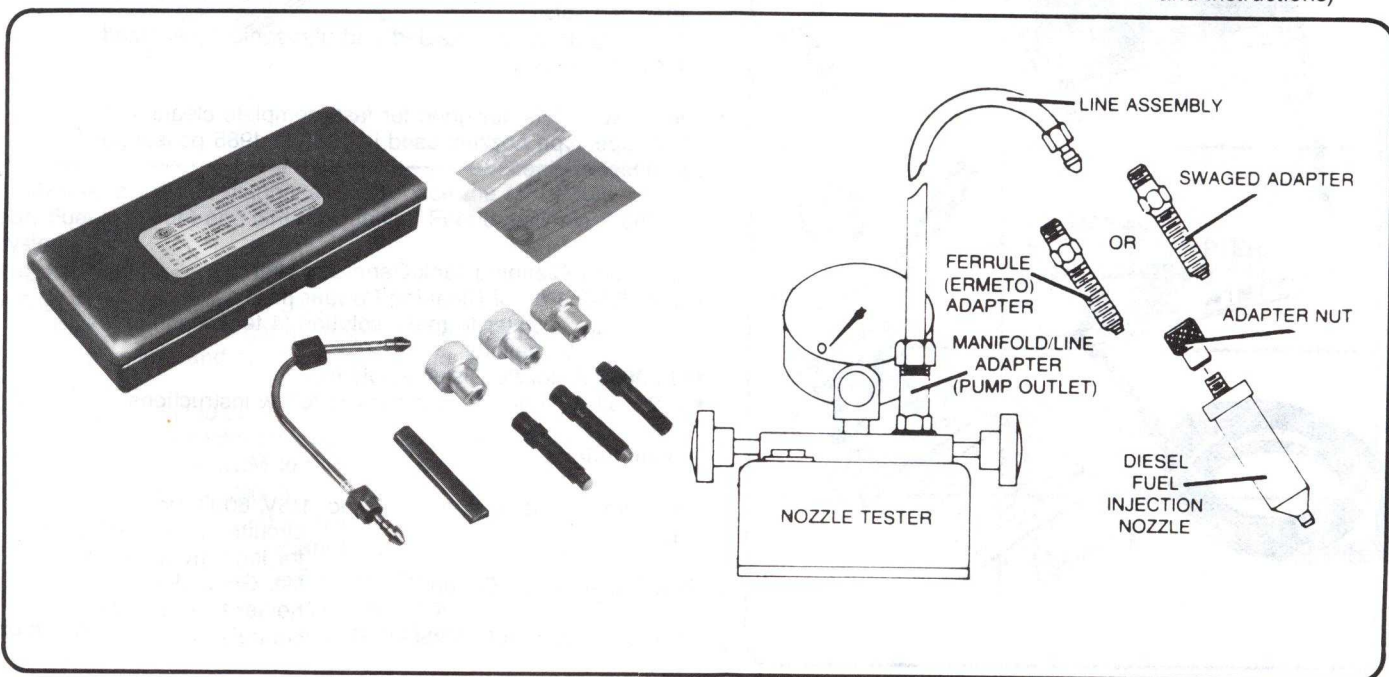
- J 29079-2 Adapter Nut (M12 x 1.5)
- J 29079-4 Adapter Nut (9/16 x 18)
- J 29079-70 Swaged Adapter
- J 29079-71 Ferrule Adapter

J 29079-125 ADAPTER KIT

The J 29079-125 Adapter Kit contains the necessary quick-connect adapters to test all current GM diesel engine nozzles (9/16, 12mm, 14mm thread size). The unique design of these quick-connect adapters simplifies attachment of nozzles of the test line.

Includes:

- | | | | |
|-----------|-------------------------|------------|---|
| J 29079-2 | Adapter Nut (M12 x 1.5) | J 29079-25 | Manifold Line Adapter |
| J 29079-3 | Adapter Nut (M14 x 1.5) | J 29079-27 | Manifold Line Swaged Adapter |
| J 29079-4 | Adapter Nut (9/16 x 18) | J 29079-70 | Ferrule Adapter |
| | | J 29079-71 | Ferrule Adapter (with carrying case and instructions) |



GENERAL (CONTINUED)



J 33300 TACH-N-TIME DIESEL TIMING METER

The J 33300 Tach-N-Time is a microprocessor based service tool designed for fast and accurate dynamic timing of diesel engines. Using the start of the injection/combustion signal and the crankshaft location signal, a microprocessor give a digital display of exact engine RPM and injection pump timing in degrees.

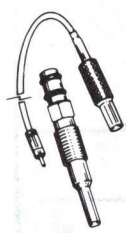

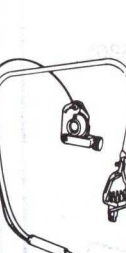
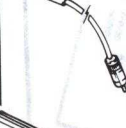
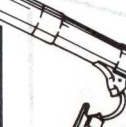

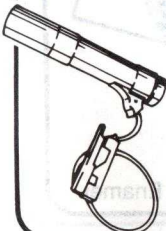
The time of injection/combustion is picked up by either of two methods:

1. A transducer that clamps on the fuel injection line that senses the fuel surge in the line, or
2. A luminosity probe installed in place of the glow plug of #1 cylinder.

Crankshaft location is picked up with a magnetic probe. The probe offset is automatically computed by the Tach-N-Time and is adjustable from 0° to 200°. On engines with no crankshaft probe receptacle, an inductive timing light can be attached to the J 33300 to visually read crankshaft location. An adjustable pulse delay allows a direct readout of the timing angle.

ACCESSORIES & APPLICATION CHART

(not included as part of J 33300)

	1.8L & 2.2L 4 cyl.	4.3L V-6	5.7L V-8	6.2L V-8
 J 33300-30 LUMINOSITY PROBE HARNESS		•	•	•
 J 33300-10A LUMINOSITY PROBE (10mm x 1.0 Thread)		•	•	
 J 33300-20 MAGNETIC CRANKSHAFT PROBE		•	•	•
 J 33300-25 1/4" CLAMP-ON LINE TRANSDUCER (Black)			•	•
 J 33300-50 5MM CLAMP-ON LINE TRANSDUCER (Red)		•		
 J 33300-60 6MM CLAMP-ON LINE TRANSDUCER (Gray)	•			
 J 34186 INDUCTIVE TIMING LIGHT	•			

Features:

- Digital read-out of both engine RPM and injection pump timing together.
- Microprocessor solid state electronics for accuracy and dependability; no field calibration required.
- Patented clamp-on transducer senses injection line surge—no injection line disassembly required.
- Luminosity probe sees combustion light in place of glow plug in cylinder head.
- Magnetic probe adapts to engines with magnetic probe socket, and tester has variable offset to locate TDC.
- Easily adapts to read timing on engines without magnetic probe socket through use of inductive timing light.
- Power cables conveniently attach to 12 volt power (+ 8 to 26 VDC range) source—no internal batteries to run down.
- LED injection sensor light shows clearly if test signal is being received by Tach-N-Time.
- Custom case includes storage space for connectors, accessories, and operating instructions.

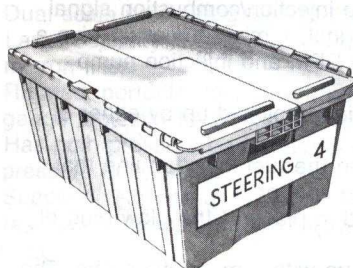
Specifications:

- Timing range 0° to 51° with strobe light 220° with magnetic probe.
- R.P.M. range 360 to 6,000.
- Magnetic probe or strobe timing light.
- Luminosity or clamp-on sensor.
- Crankshaft socket offset. Adjustable in 1° increments from 0° to 200°.
- Accuracy $\pm .2^\circ$ timing ± 1 R.P.M.
- Operating temperature -20°F to 130°F.
- Input battery voltage 8 to 26V D.C. Power draw 5 amp.
- Vacuum fluorescent readout.
- Microprocessor based system.
- No calibration required.
- Carrying case with accessory storage.
- New improved magnetic probe.
- Sensor light to show luminosity or clamp-on input.
- Rocker switches.

Patents: 4,192,179 4,304,126 4,319,481.

ORGANIZATIONAL AIDS**J 34100
GREAT CRATE**

Measures 21-1/2" x 15-1/2" x 9-3/4". Molded in Blue Polyethylene with Storage capacity of 1.4 cu. ft.

**J 35805
GREAT CRATE II**

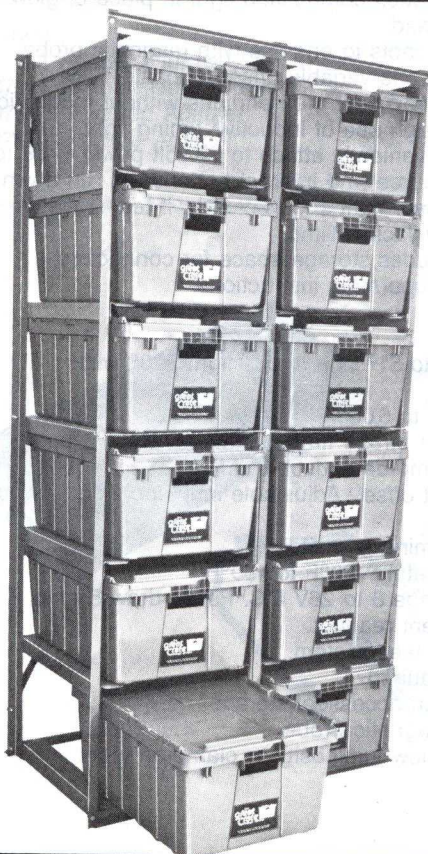
Measures 27" x 17" x 12-1/2" 2.4 cu. ft. for those big storage jobs.

Space saving and organizational problems are conveniently solved with the Great Crate Storage System. Store all kinds of individual items including tools & vehicle components.

Great Crates are available in two versatile sizes to accommodate your storage needs. Each container includes 1" foam pad and a reusable content identification plaque. Great Crates are available singularly or in multiples for stacking in Storage Racks.

Features:

- Injection molded of durable polyethylene...won't rust, rot or corrode; resists the damaging effects of oil, most chemicals, solvents, and temperature variance of - 10° to + 150°F.
- Stacks when full with cover closed...nests when empty with cover open.
- Load capacity to 70 lbs. per container...bottom container in stack will support up to 250 lbs.
- Permanent, molded-in blue color.
- Lighter in weight than equal-sized steel or wood containers, with no sharp edges, burrs or splinters to damage product or personnel.
- Strong, durable, easy to use, steel hinged security cover.
- Container includes open hand grips on ends, and solid grid bottom.

STORAGE RACK & BOX COMBINATIONS

J 34755
Storage Rack & 12 J 34100 Great Crates.



J 35810
Storage Rack & 8 J 35805 Great Crate II's.

**GREAT CRATE II
EXTRA LARGE
STORAGE**

Storage Racks are 14 Gauge Steel Baked Gray Enamel.

INJECTION PUMPS (CONTINUED)



J 33333-B DIESEL INJECTION PUMP SERVICE KIT

Seal replacement on all General Motors diesel injection pumps is a quick and easy operation with the tools in this new Kent-Moore service kit. Pump leaks can now be easily diagnosed and repaired. With the use of these tools, recalibration is not necessary. A rugged storage box to prevent loss of the smaller tools and instructions are included.

NOTE: All tools in the J 33333-B Kit, can be ordered separately.

Included in Set:

GENERAL

- J 9553-01 Drive Shaft Retaining Ring Remover. Retaining Ring and O-ring removal.
- J 29692-B Pump Holding Fixture. Easy working access for the Stanadyne and Diesel Kiki Pumps.
- J 33197 Shaft Seal Pressure Tester. A quick pressure test for seal leaks on the Stanadyne pump.
- J 33198 Synkut Oil Seal lubricant for proper pump assembly. This is the recommended lubricant.
- J 33333-1 Storage Case

STANADYNE INJECTION PUMP (ROOSA-MASTER)

- J 29745-A Shaft Seal Protector
- J 29746-B Cam Advance Wrench
- J 29747-B Cam Advance Screw Remover Bushing
- J 29748-A Plug Wrench
- J 33081-A Advance Plunger Seal Installer

These tools in the J 33333-B Kit for the Stanadyne injection pump will allow quick service to all the pump seals. Recalibration in a fuel injection pump test stand is not necessary for seal service with these tools.

DIESEL KIKI INJECTION PUMP

- J 33308 Drive Shaft Seal Protector
- J 33309 Distributor Head Assembly Plug Wrench

These two tools are required to properly service the drive shaft seal and to remove the retaining nut on the distributor head assembly.







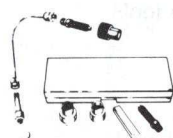


J 28552 INJECTION PUMP HOUSING PRESSURE GAUGE

The 0-15 p.s.i. pressure gauge can be used to check injection pump housing pressure on the V-8 diesel engine. J 28552 is used in conjunction with J 28526-A Injection Pump Housing Pressure Adapter.

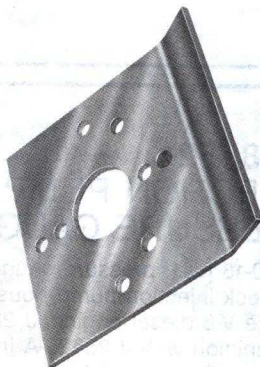
FUEL-DIESEL

1.8L & 2.2L DIESEL KIKI INJECTION PUMP

	J 9553-01 RETAINING RING AND O-RING REMOVER
	J 22700 FUEL FILTER WRENCH
	J 22888 INJECTION PUMP GEAR REMOVER
	J 24187 FUEL TANK SENDING UNIT REMOVER AND INSTALLER
	J 26925 MAG TAC (Magnetic Pick-up Tachometer)
	J 29075-B NOZZLE TESTER (Use with J 29079-125) (Featured on page 110)
	J 29079-125 ADAPTER SET (Use with J 29075-B)

J 29692-B INJECTION PUMP HOLDING FIXTURE


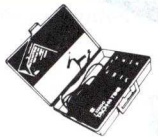




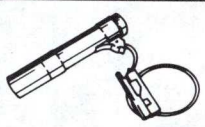
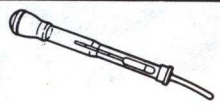
This fixture makes bench mounting of Diesel Kiki and Stanadyne injection pumps for off-car service simple and easy. J 29692-B is designed so the pump is mounted at an angle to allow ease of assembly of internal pump parts such as the elastic cast rings, throttle shaft seals, etc. (Part of J 33333-B)



J 29761 CAMSHAFT FIXING PLATE (1.8 only)



This tool is installed in the slot at the rear of the camshaft with the number 1 piston at TDC. J 29761 will prevent the camshaft from rotating during any service operation when the timing belt is removed to maintain the correct camshaft to crankshaft position.

	J 29763 STATIC TIMING GAUGE
	J 33300 DIESEL TIMING METER (Use with J 33300-60 and J 34186)
	J 33300-60 6MM CLAMP-ON LINE TRANSDUCER (Use with J 33300)
	J 33333-B INJECTION PUMP SERVICE KIT FOR DIESEL KIKI AND STANADYNE PUMPS
	J 33308 DRIVE SHAFT SEAL PROTECTOR (Part of J 33333-B)
	J 33309 DISTRIBUTOR HEAD ASSEMBLY PLUG WRENCH (Part of J 33333-B)
	J 34186 INDUCTIVE TIMING LIGHT (Use with J 33300)
	J 34352 DIESEL FUEL QUALITY TESTER

4. 3L V-6 STANADYNE INJECTION PUMP



J 9553-01
RETAINING RING AND
O-RING REMOVER
(Part of J 33333-B)



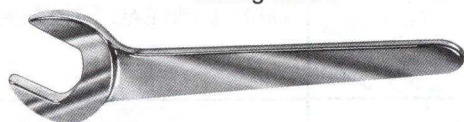
J 23738-A
HAND OPERATED VACUUM
PUMP (Mity-Vac)



J 24187
FUEL TANK SENDING UNIT
REMOVER AND INSTALLER

J 25304 TIMING WRENCH

This thin section wrench allows easy access to the 4.3L injection pump to adjust pump timing with the J 33300 Diesel Timing Meter.



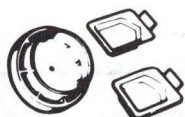
J 26701-A
ANGLE GAUGE
(Use with J 26701-20)
(Featured on page 117)



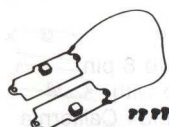
J 26701-20
VACUUM VALVE ADAPTER
(Use with J 26701-A)
(Featured on page 117)



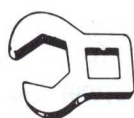
J 26925
MAG TAC
(Magnetic Pick-up Tachometer)



J 26996
MANIFOLD COVER SET
All



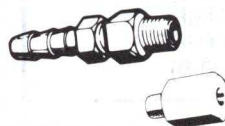
J 26996-10
MANIFOLD COVERS
(1985 only)



J 28402
PUMP LINE NUT
WRENCH (5/8")



J 28438
NOZZLE CAP PLUG SET



J 28526-A
INJECTION PUMP HOUSING
PRESSURE ADAPTER SET
(Use with J 28552)



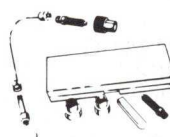
J 28552
PRESSURE GAUGE 0 to 15
P.S.I.
(Use with J 28526-A)
(Featured on page 113)



J 28556
PUMP SHIPPING CARTON



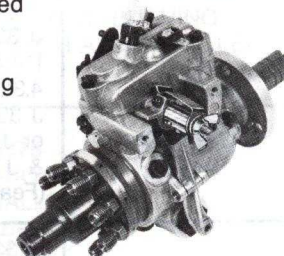
J 29075-B
NOZZLE TESTER
(Use with J 29079-125)



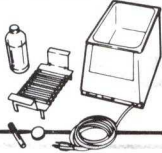

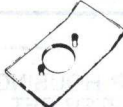
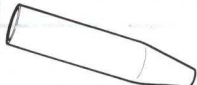
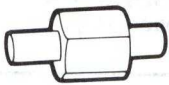




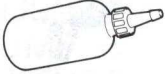


J 29079-125
ADAPTER KIT
(Use with J 29075-B)


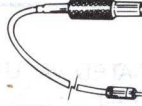
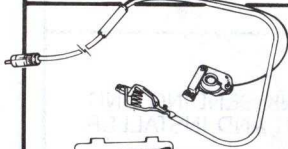
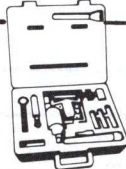


J 29601 THROTTLE SHAFT CAM TIMING ADAPTER

The throttle shaft seals on the injection pump can be serviced on the 4.3L, 5.7L and 6.2L engines using this adapter. J 29601 allows the cam timing position to be measured before disassembling the pumps so the correct position is maintained on reassembly.





4. 3L V-6 STANADYNE INJECTION PUMP (CONTINUED)

	J 29653-A ULTRASONIC NOZZLE CLEANER (Featured on page 109)
	J 29657 MANIFOLD COVER 1982 - 1984
	J 29692-B INJECTION PUMP HOLDING FIXTURE (Part of J 33333-B)
	J 29745-A SHAFT SEAL PROTECTOR (Part of J 33333-B)
	J 29746-B CAM ADVANCE WRENCH (Part of J 33333-B)
	J 29747-B CAM ADVANCE SCREW REMOVER BUSHING (Part of J 33333-B)
	J 29748-A PLUG WRENCH (Part of J 33333-B)
	J 33081-B ADVANCE CAM PLUG SEAL INSTALLER (Part of J 33333-B)
	J 33197 SHAFT SEAL PRESSURE TESTER (Part of J 33333-B)
	J 33198 SYNKUT OIL SEAL LUBRICANT (Part of J 33333-B)
	J 33300 DIESEL TIMING METER 4.3L V-6 use with: J 33300-20 & J 33300-50 or J 33300-10A, J 33300-20 & J 33300-30) (Featured on page 111)
	J 33300-10A LUMINOSITY PROBE (10mm x 1.0 Thread)



	J 33300-20 MAGNETIC CRANKSHAFT PROBE
	J 33300-30 LUMINOSITY PROBE HARNESS
	J 33300-50 5MM CLAMP-ON LINE TRANSDUCER (Red)
	J 33333-B INJECTION PUMP SERVICE KIT Stanadyne and Diesel Kiki Pumps
	J 33933 DIESEL MILEAGE TESTER
	J 34029-A HIGH IMPEDANCE DIGITAL MULTIMETER

**J 34151
HOUSING
PRESSURE
ADAPTER**

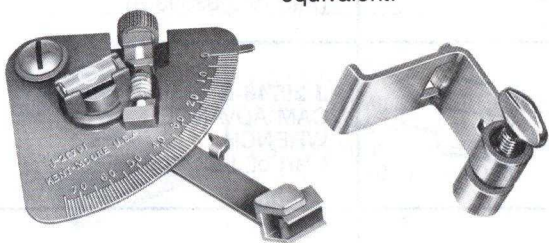
The J 34151 Housing Pressure Adapter allows the technician to check injection pump housing pressure on the 1984 & 85 4.3L & 1985 5.7L Diesels without removing the metering valve sensor. J 34151 can also be used to measure housing pressure on 4.3L, 5.7L and 6.2L Diesel engines without removing the air cross over. J 34151 is positioned between the injection pump and check valve at the return line and is used in conjunction with the previously released J 28552 Housing Pressure Gauge.


	J 34678-A MVS HARNESS 1985 ONLY (6 pin connector)
	J 34678-50 MVS HARNESS ADAPTERS (3 to 6 pin connector) Use with J 34678-A for 1984 California Engines and early 1985 Engines

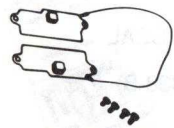
5.7L V-8 STANADYNE INJECTION PUMP





	J 9553-01 RETAINING RING AND O-RING REMOVER (Part of J 33333-B)
	J 23738-A HAND OPERATED VACUUM PUMP
	J 24187 FUEL TANK SENDING UNIT REMOVER AND INSTALLER

J 26987-A INJECTOR PUMP WRENCH (9/16")	This thin-wall wrench is specially designed to enable loosening or removal of the injection pump mounting nuts. J 26987-A is required when the pump is removed or static timing adjusted.
	

J 26701-A ANGLE GAUGE J 26701-20 VACUUM VALVE ADAPTER	The J 26701-20 is required to adapt J 26701-A Angle Gauge to the throttle lever to check and adjust the 4.3L and 5.7L vacuum regulator valve. This adjustment is made in conjunction with J 23738-A Vacuum Pump or equivalent.
	

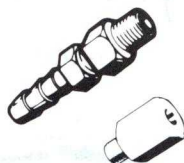
J 28402 INJECTION LINE WRENCH - (5/8")	When servicing injection lines individually, loosening the connection at the injection pump is extremely difficult on several of the lines using standard wrenches. The J 28402 is designed to be used in conjunction with a standard 3/8" drive ratchet wrench or torque wrench and extension for easy access to the injection pump line connections on the 4.3L and 5.7L engines.
	

	J 26896 STATIC TIMING GAUGE
	J 26925 MAG TAC (Magnetic Pick-up Tachometer)
	J 26996 MANIFOLD COVER SET
	J 26996-10 MANIFOLD COVERS (with EGR)

	J 28425 PUMP ADAPTER SEAL INSTALLER
	J 28438 NOZZLE CAP PLUG SET
	J 28439 PUMP DRIVE BUSHING REMOVER AND INSTALLER
	J 28475 CARBON STOP SEAL INSTALLER (Pencil Nozzles) (1978 - 79 Car) (1978 - 81 Light Truck)

5.7L V-8 STANADYNE INJECTION PUMP (CONTINUED)**J 28526-A INJECTION PUMP PRESSURE ADAPTER SET**

On the diesel engine injection pump, correct housing pressure is required to maintain proper fuel distribution and pump operation. J 28526-A is used in conjunction with J 28552 to properly measure pump housing pressure.



J 28552
PRESSURE GAUGE
0 to 15 P.S.I.
(Use with J 28526-A)



J 28556
PUMP SHIPPING
CARTON



J 29075-B
NOZZLE TESTER
(Use with J 29079-125)



J 29079-125
ADAPTER KIT
(Use with J 29075-B)



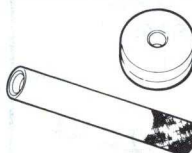
J 29601
THROTTLE SHAFT CAM
ADVANCE ADAPTER



J 29653-A
ULTRASONIC NOZZLE
CLEANER
(Featured on page 109)



J 29653-2
CLEANING POWDER
(1 lb.)



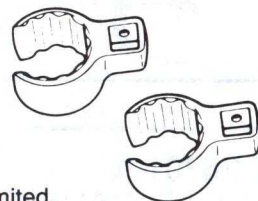
J 29653-3
NOZZLE ASSEMBLY
TOOL
(Part of J 29653-A)



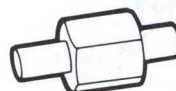
J 29692-B
INJECTOR PUMP
HOLDING FIXTURE
(Part of J 33333-B)

J 29697-A INJECTION LINE WRENCH (9/16")**J 29698-A INJECTION LINE WRENCH (3/4")**

The use of these two line wrenches makes removal of injection lines at the nozzle fast and easy. These wrenches are compact with a 3/8" square drive for use on injection lines where access is limited.



J 29745-A
SHAFT SEAL
PROTECTOR
(Part of J 33333-B)



J 29746-B
CAM ADVANCE
WRENCH
(Part of J 33333-B)



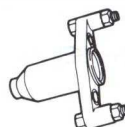
J 29747-B
CAM ADVANCE SCREW
REMOVER BUSHING
(Part of J 33333-B)



J 29748-A
PLUG WRENCH
(Part of J 33333-B)



J 33081-B
ADVANCE CAM PLUG
SEAL INSTALLER
(part of J 33333-B)



J 33197
SHAFT SEAL
PRESSURE TESTER
(Part of J 33333-B)



J 33198
SYNKUT OIL SEAL
LUBRICANT
(Part of J 33333-B)

5.7L V-8 STANADYNE INJECTION PUMP (CONTINUED)



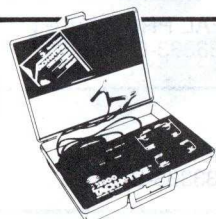
J 34029-A HIGH IMPEDANCE DIGITAL MULTIMETER

The hand held J 34029-A combines reliability, ease of operation, and a highly versatile selection of features into a state-of-the-art diagnostic tool. This highly accurate digital multimeter can be used to check the following components.

1. Computer Command Control
2. Throttle Body Injection
3. Electronic Comfort Control
4. Electronic Spark Control

Features includes:

- Audible and visual continuity function
- 22 megaohm input resistance (meets 10 megaohm minimum for C3)
- Single multi-function switch
- In-circuit resistance measurements
- Two year battery life
- 3-1/2" LCD display
- Low battery indicator



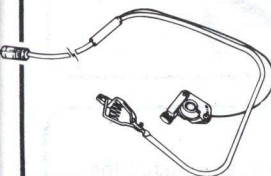
J 33300
DIESEL TIMING METER
5.7L V-8 use with:
J 33300-20 and J 33300-25
or J 33300-10, J 33300-20,
and J 33300-30
(Featured on page 111)



J 33300-10A
LUMINOSITY PROBE



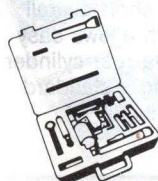
J 33300-20
MAGNETIC CRANKSHAFT
PROBE



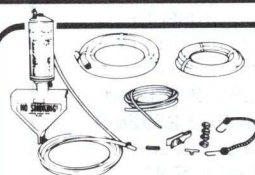
J 33300-25
1/4" CLAMP-ON LINE
TRANSDUCER



J 33300-30
LUMINOSITY PROBE
HARNESS



J 33333-B
INJECTION PUMP SERVICE
KIT For Stanadyne and
Diesel Kiki Pumps
(Featured on page 113)



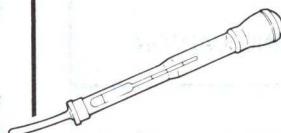
J 33933
DIESEL MILEAGE TESTER
(Featured on page 109)



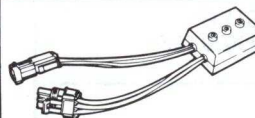
J 34029-A
HIGH IMPEDANCE
MULTIMETER
(Featured above)



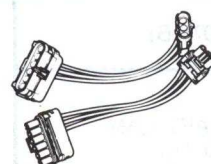
J 34151
INJECTION PUMP
PRESSURE ADAPTER
(Pumps with MVS)



J 34352
DIESEL FUEL QUALITY
TESTER
(Featured on page 109)


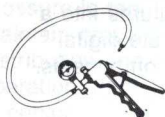

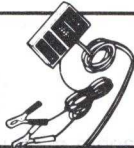
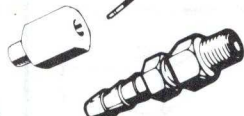


J 34678-A
MVS HARNESS/1985 ONLY
(6 pin connector)



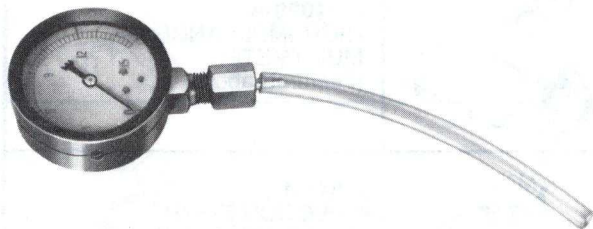
J 34678-50
MVS HARNESS ADAPTERS
(3 to 6 pin connectors)
(Use with J 34678)



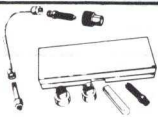

6.2L V-8 STANADYNE INJECTION PUMP

	J 9553-01 RETAINING RING AND O-RING REMOVER (Part of J 33333-B)
	J 23738-A HAND OPERATED VACUUM PUMP
	J 24187 FUEL TANK SENDING UNIT REMOVER AND INSTALLER
	J 26925 MAG TAC (Magnetic pick-up tachometer)
	J 28526-A INJECTION PUMP HOUSING PRESSURE ADAPTER SET (Use with J 28552)

J 28552
INJECTION
PUMP
HOUSING
GAUGE

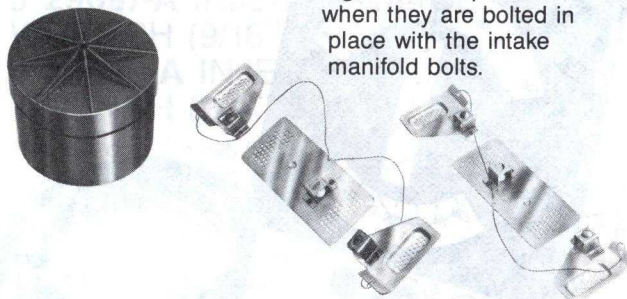
The 0-15 p.s.i. pressure gauge can be used to check injection pump housing pressure. J 28552 is used in conjunction with J 28526-A Injection Pump Housing Pressure Adapter Set.


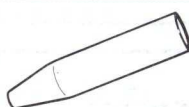



	J 28556 PUMP SHIPPING CARTON
	J 29075-B NOZZLE TESTER (Use with J 29079-125)
	J 29079-125 ADAPTER KIT (Use with J 29075-B)
	J 29601 THROTTLE SHAFT CAM ADVANCE ADAPTER

J 29664
MANIFOLD
COVER
SET

When the air cleaner or manifold assembly is removed during service, J 29664 is used to prevent loose parts from entering the engine. The manifold covers are designed to allow the engine to be operated when they are bolted in place with the intake manifold bolts.



	J 29692-B HOLDING FIXTURE (Part of J 33333-B)
	J 29745-A SHAFT SEAL PROTECTOR (Part of J 33333-B)
	J 29748-A PLUG WRENCH (Part of J 33333-B)

J 29872
INJECTION
PUMP
ADJUSTING
TOOL

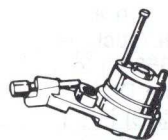
Using J 29872, the technician has an easy method to rotate the 6.2L injection pump to the correct timing position. The unique design facilitates use on tight installations.

**J 29873**
NOZZLE
SOCKET
(30mm)

To remove and install the injection nozzles on the 6.2 diesel, this special 30mm socket is required. J 29873 is designed to fit over the return line fittings onto the nozzle. The short overall socket length allows easy access to the rear cylinder nozzles using a standard 3/8" drive ratchet.



6.2L V-8 STANADYNE INJECTION PUMP (CONTINUED)



J 33042
STATIC TIMING GAUGE

J 33043-A THROTTLE POSITION SWITCH GAUGE BLOCK SET (6.2L)

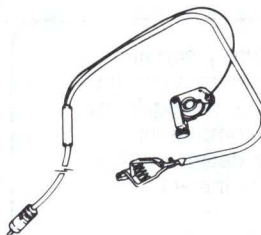


The throttle position switch is properly adjusted on the throttle shaft using this go-no-go gauge and a test light. J 33043-A enables the technician to check and adjust the throttle position switch on the injection pump that controls EGR/EPR valve or vacuum valve operation.

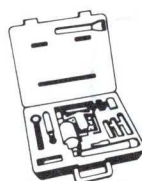
(Includes J 33043, J 33043-4 & J 33043-5)



J 33300-20
MAGNETIC CRANKSHAFT
PROBE (Use with J 33300)



J 33300-25
1/4" CLAMP-ON
TRANSDUCER (BLACK)
(Use with J 33300)



J 33333-B
INJECTION PUMP SERVICE
KIT For Stanadyne and
Diesel Kiki Pumps
(Featured on page 113)



J 33933
DIESEL MILEAGE TESTER
(Featured on page 109)



J 34029-A
HIGH IMPEDANCE DIGITAL
MULTIMETER
(Featured on page 119)



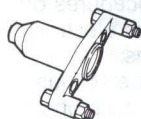
J 34151
HOUSING PRESSURE
ADAPTER
(Use with J 28552)



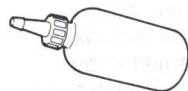
J 34352
DIESEL FUEL QUALITY
TESTER
(Featured on page 109)



J 33081-B
ADVANCE CAM PLUG
SEAL INSTALLER
(Part of J 33333-B)



J 33197
SHAFT SEAL PRESSURE
TESTER (Part of J 33333-B)



J 33198
SYNKUT OIL SEAL
LUBRICANT
(Part of J 33333-B)



J 33300
DIESEL TIMING METER
(Use with J 33300-25 and
J 33300-20)
(Featured on page 111)

ENGINE-ELECTRICAL

CHARGING SYSTEM



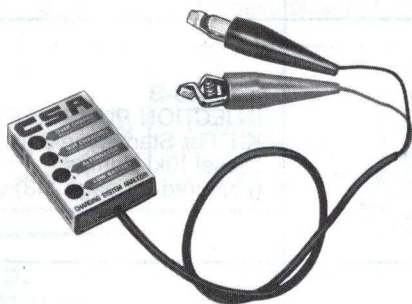
J 23688
HYDRO-SPY °F
BATTERY CONDITION
CHECKER



J 26568
HYDRO-SPY °C
BATTERY CONDITION
CHECKER

J 26290-A CHARGING SYSTEM ANALYZER

Checks battery condition, regulator performance and pinpoints suspected faulty generator components. Solid state design with (4) LED's gives instant readout.



J 35590 CURRENT CLAMP (0-600 amps)



J 35590 is used with a digital multimeter (such as J 34029-A or J 35500) to precisely measure DC current flow (AMPS) in 0.1 AMP increments without breaking into the circuit or affecting the operation of the circuit. During operation the inductive pick-up type jaws of the J 35590 are simply clamped around the vehicle battery cable or a wire leading to the accessory to be tested. A readout of the current draw will be indicated on the multimeter digital display. J 35590 is especially helpful in identifying problems with low power accessories because it will measure 0 - 200 AMPS in 0.1 AMP increments.

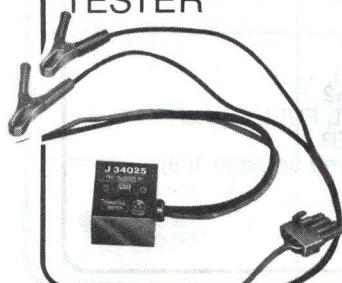
ELECTRONIC CONTROLS

J 26868 INJECTOR REMOVER



Service procedures for T.B.I. injector removal recommend the use of J 26868. The injector is removed without damage to it or the machined mounting surfaces. The fuel meter cover gasket should be left in place when removing the injector.

J 34025 IDLE SPEED CONTROL MOTOR TESTER

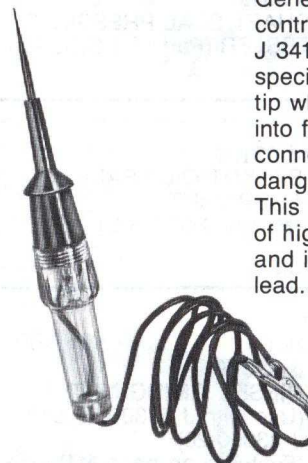


The J 34025 is designed to test the operation of any General Motors Idle Speed Control motor both on and off the vehicle. Simply plug the included 4-pin connector into the motor and attach the power leads to the vehicle's battery. The motor can now be operated in either direction and the condition of the internal switch can be checked with the built-in test light. J 34025 eliminates the possibility of damaging the I.S.C. motor which may occur with a jumper harness.



J 34116
CYLINDER BALANCE TESTER
(Used with J 34029-A multimeter)
(Featured on pg 93) To diagnose
diesel rough idle conditions

J 34142-A UNPOWERED TEST LIGHT



A test light such as J 34142-A is required to perform many of the diagnostic procedures on General Motors electronic control systems. J 34142-A has a unique specially shaped probe tip which will plug directly into female Micro-Pack connectors minimizing danger of over expansion. This durable unit is built of high strength material and includes a 48" long lead.

ELECTRONIC CONTROLS (CONTINUED)



J 34678-A
METERING VALVE SENSOR
TEST HARNESS (4.3L V-6
diesel) Used with digital
multimeter such as J 34029-A.

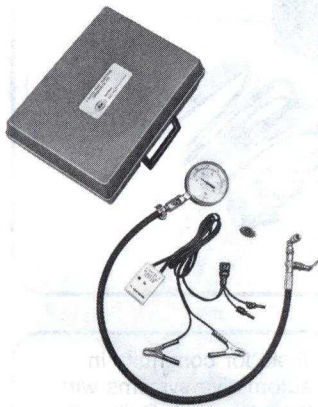
J 34636 ECM CIRCUIT TESTER



Testing of ECM controlled relays and solenoids is very important. A short circuit across any one relay or solenoid, causing low or no resistance, will permanently damage the ECM quad driver circuitry

and require replacement of the complete ECM. J 34636 allows the technician to accurately check all relays and solenoids before connecting them to the ECM. The tester measures the circuit resistance and indicates pass or fail via green or red LED's. An amber LED indicates current polarity. The tester can also be used as a non-powered continuity checker.

J 34730-A PORT FUEL INJECTION DIAGNOSTIC KIT



J 34730-A is used to diagnose and service the new MFI (Multi-port, Fuel Injection) and SFI (Sequential Fuel Injection) systems on General Motors Vehicles.

The Kit Includes:

J 34730-1

- FUEL PRESSURE GAUGE AND HOSE
A kPa/psi dual scale gauge which is used to check fuel pump pressure and compare injectors for equal fuel distribution.

J 34730-2

(Featured below)

- TEST LIGHT

J 34730-3

- INJECTOR TESTER
Separately energizes each injector to compare for equal fuel impulses over a constant time interval which allows the technician to pin point a faulty injector.

The tools are packaged in a durable plastic case and complete operating instructions are included.

J 34730-2 INJECTOR HARNESS TEST LIGHT

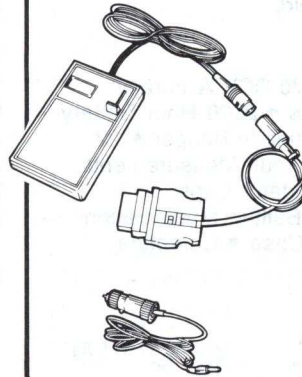


The J 34730-2 is a specially designed test light which plugs directly into the injector harness and gives a visual indication of the electrical impulses from the ECM. J 34730-2 connects to the system very easily and the special light bulb will shine brighter than a standard 12V test light. (Included with J 34730-A)



J 34750
DIESEL DIAGNOSTIC
CHECK TOOL (6.2L)

J 34775 MINI- SCANNER



J 34775 is a hand-held micro-processor-based specialized tool designed for use in diagnosis of 1980-1/2 to 1985 Computer Command Control, electronic fuel injection, and port fuel injection systems. The Scanner plugs into the vehicle ALDL connector and allows the technician to read and interpret the ECM data stream. It provides a visual means of examining computer related parameters such as sensor input voltages, input switch status, solenoid driver commands, motor drive commands, mixture control solenoid dwell and trouble codes.

J 35255 MULTI- SCANNER



The J 35255 Multi-Scanner provides complete diagnostic capability for 1980-1/2, 1981, 1982, 1983, 1984 and 1985 General Motors vehicles equipped with Computer Command Control (C3), Electronic Fuel Injection (EFI) or Port Fuel Injection (PFI) computer systems. Multi-Scanner provides a visual means of examining sensor input voltages, switch status, solenoid driver commands, motor driver commands, mixture control solenoid dwell and trouble codes. A total of 51 parameters are available for examination. Multi-Scanner will interface to the following on-board computer systems.

- Full Function
- Electronic Fuel Injection
- Oldsmobile Minimum Function
- Port Fuel Injection
- T-Car Minimum Function
- Light Trucks

TURN TO KENT-MOORE
When ordinary tools
won't do . . .

ENGINE-ELECTRICAL

GENERAL DIAGNOSTIC

J 34029-A DIGITAL MULTIMETER

The J 34029-A is designed for years of dependable service under the most rugged shop conditions. The single rotary dial incorporates a patented design eliminating friction wear which reduces the life of typical wafer type switches. Other superior design features include extra overload protection, 100% factory testing of all ranges and functions, a specially designed case which seals out contaminants encountered in the field.

Features:

- In Circuit Diode Test • 0.50% Basic DCV Accuracy
- Easy To Read LCD 0.5" High Digits • 2000 Hour Battery Life • Standard 9 Volt • Audible Continuity Beeper • 22 Mega Ohm Input Impedance • In Circuit Measurements
- Spare Fuse • Test Leads With Alligator Clips
- Patented Long Life Rotary Dial • Built-In Multiposition Tilt Bail • Plastic Storage/Carrying Case • Complete Instructions

ACCESSORIES FOR J 34029-A

J 34029-15

EZ MINI-HOOK TEST LEAD SET

Contains a red and black 36" long spring-loaded hook end which can be used to fit over up to .059 diameter components when continuous hook up is required.

J 34029-248

DELUXE TEST LEAD KIT

Includes safety designed test leads with push-on probes plus banana plug extensions insulated alligator clips, extension probe tips, medium size hook type prods, large size hook type prods all in a rugged cordura nylon pouch with velcro closures.

J 34898

HIGH CURRENT SHUNT

J 34898 is an inexpensive calibrated resistance wire which is connected in series with the electrical accessory to be tested and plugged into the J 34029-A Multimeter. The multimeter range switch is set on the 200 MV DC scale. This will provide a direct readout of the accessory current draw in .1 amp increments. From 0 to 99 amps.

J 35590

CURRENT CLAMP (See Feature Below)

SERVICE PARTS FOR J 34029-A

J 34029-13

Replacement Test Lead Set Consists of:
(Available Separately)

J 34029-14 (2) Alligator Clips

J 34029-18 (2) Probe Tips

J 34029-19 (2) Test Lead Wires

J 34029-20 (2) Banana Plug Extensors

J 34029-21 (1) Storage Pouch

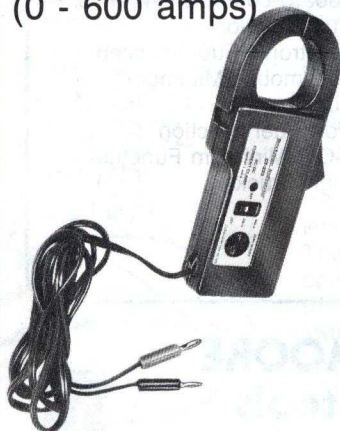
J 34029-2 Molded Storage Case

J 34029-7 Instruction Manual

J 34029-12 Special 2 Amp Fuse (Package of 4)



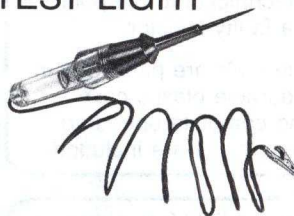
J 35590 CURRENT CLAMP (0 - 600 amps)



J 35590 is used with a digital multimeter (such

as J 34029-A or J 35500) to precisely measure DC current flow (AMPS) in 0.1 AMP increments without breaking into the circuit or affecting the operation of the circuit. During operation the inductive pick-up type jaws of the J 35590 are simply clamped around the vehicle battery cable or a wire leading to the accessory to be tested. A readout of the current draw will be indicated on the multimeter digital display. J 35590 is especially helpful in identifying problems with low power accessories because it will measure 0 - 200 AMPS in 0.1 AMP increments.

J 21008-A SELF POWERED TEST LIGHT



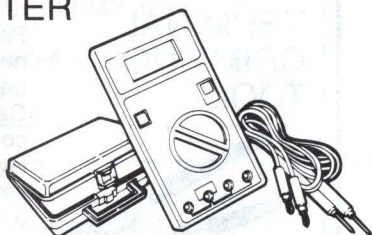
Tests for continuity in automotive systems with the power off. Bulb will light if circuit is continuous. Ideal for testing fuses, grounds, shorts, contacts, diodes and open circuits. Tough, durable body. Uses AA 1.5 volt battery. Battery not supplied.

ORDER BY PHONE
1-800-345-2233
In Michigan 1-313-774-9500

GENERAL DIAGNOSTIC (CONTINUED)

J 35500
DIGITAL MULTIMETER

This attractively priced digital multimeter provides the accuracy and features of more expensive meters plus the convenience of autoranging. Simply set the rotary switch to Volts or Resistance and the J 35500 automatically sets the required range.

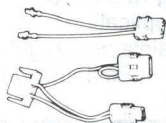
**Features:**

- Autoranging
- 0.50% Basic DCV Accuracy
- 10 Amp AC/DC Capability
- Audible Continuity Beeper
- 10 Mega Ohm Input Impedance
- Low Power Ohm Range For In Circuit Measurements
- Test Leads With Alligator Clips
- Includes Plastic Storage/Carrying Case
- Complete Instructions

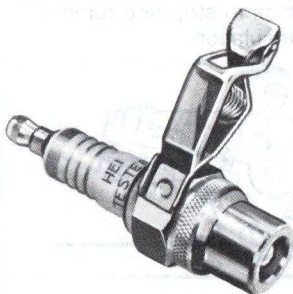
IGNITION SYSTEM



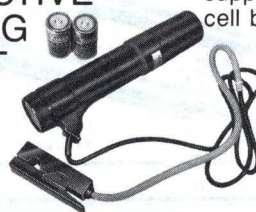
J 21350
SPARK PLUG TERMINAL
REMOVER PLIERS



J 24642-85
H.E.I. MODULE TESTER
ADAPTER (1985 to current
8 terminal module)
Included with J 24642-F

J 26792
H.E.I. SPARK
TESTER

Checks for spark output of GM H.E.I. systems without removing spark plug from the engine. Indicates if system is generating acceptable voltage.

J 34186
SELF-POWERED
INDUCTIVE
TIMING
LIGHT

The J 34186 Inductive pick-up is simply clamped onto the spark plug wire. Power is supplied by 2 internal "D" cell batteries (included).

J 35812
TACHOMETER
ADAPTER

This adapter provides a quick, easy way to hook up your tachometer leads when trouble shooting or checking RPM. Heavy 8-gauge solid copper wire is insulated to prevent short damage. Works on all GM vehicles with HEI having tachometer terminal integral with the distributor.

J 24642-F
HIGH ENERGY IGNITION MODULE TESTER

- Tests all GM High Energy Ignition modules through Current.
- Highly reliable and easy to use.
- GM type-plug on connectors-insure quick and accurate tests.
- Verification procedure allows the operation of the tester to be validated periodically.
- Unit is enclosed in a durable, lightweight and completely portable case.
- Step by step instructions with detailed illustrations.
- Includes J 26792 Spark Tester and J 24642-85 Adapter.

ENGINE-ELECTRICAL

WIRING HARNESS



J 8681
UNIVERSAL SHORT
CHECKER

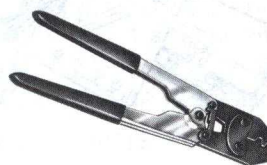


J 22727
TERMINAL REMOVER



J 25563
WIRE CUTTER, STRIPPER
& CRIMPER

J 35603 TERMINAL CRIMPING TOOL



This quality crimping tool is designed to crimp many Packard terminals and the new wire splices which are being supplied with some General Motors service connector kits. Its compound leverage design provides a smooth crimping action with a minimum amount of effort.

J 28742-A WEATHER-PACK II TERMINAL REMOVER



This tool is designed to allow easy removal of the Weather Pack II terminals. Included is a protective cap for the precision thin wall tubular end of the tool.

J 35606 WEATHER-PAC TERMINAL CRIMPER



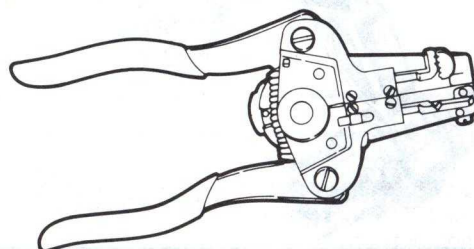
J 35606 simultaneously crimps the wire to terminal and terminal to Weather-Pack Boot; very easy to use. Wire, terminal, and boot are held in alignment by the guide block ensuring accurate and weather-tight crimps. Tool incorporates a self-releasing ratchet for consistent application pressure. Maintains integrity of the Weather-Pack design and function.

J 33095 TERMINAL REMOVER MICRO- PACK COM-PACK III AND ECM EDGE BOARD CONNECTORS



General Motors Vehicles with Electronic engine controls incorporate Micro-Pak, Com-Pack III and ECM Edge Board Connectors on the wiring harnesses. J 33095 is designed to allow easy removal of the terminals when servicing these connectors.

J 35615 AUTOMATIC WIRE STRIPPER

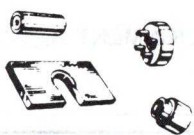


J 35615 strips 8 to 22 gauge solid or stranded wire quickly, without crushing, nicking, or damaging the wire. Simply squeeze the handles to strip and remove the insulation.

J 34142-A UNPOWERED TEST LIGHT (MICRO-PACK COMPATIBLE)



A test light such as J 34142-A is required to perform many of the diagnostic procedures on General Motors electronic control systems. J 34142-A has a unique specially shaped probe tip which will plug directly into female Micro-Pack connectors minimizing danger of over expansion. This durable unit is built of high strength material and includes a 48" long lead.



J 23675
WATER PUMP SERVICE
SET
(Cadillac 472 & 500 C.I.D.
V-8)

COOLANT TESTERS

By placing a few drops of radiator coolant or battery fluid on the instrument and looking into the eye piece a direct reading in degrees of antifreeze protection or battery condition will be obtained.

J 23688 (Fahrenheit Scale)
J 26568 (Centigrade Scale)



J 23699
OVERFLOW TUBE
PRESSURE TEST
ADAPTER
(Use with J 24460-01)



J 24185
WATER PUMP SERVICE
SET
(Pontiac 350, 400, 455 C.I.D.
V-8)

J 24460-01 COOLING SYSTEM TESTER

This universal cooling system and cap pressure tester enables the technician to perform fast cooling system diagnostics. Tool comes complete with a carrying case.



J 24460-100 QUICK FILL ADAPTER CAP



Many GM engines utilize a quick fill cooling system. The fill cap for this system is located on the thermostat housing. To pressurize this system for testing purposes, the J 24460-100 Adapter Cap is used with the previously released J 24460-01 Radiator Cap and Cooling System Tester.

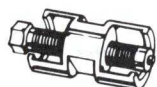


TEMPIL STICKS Melts at + °F as Indicated

+ °F	Tool #
188°	J 24731-188
200°	J 24731-200
206°	J 24731-206
231°	J 24731-231



J 29545
COOLANT SYSTEM
FLUORESCENT ADDITIVE
(24 1 oz. Containers — Use
with J 28428-B Featured on
page 97)



J 29785-A
WATER PUMP PULLEY
REMOVER
(4.3 V-6 Diesel Engine)



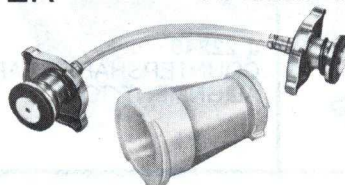
J 29786
WATER PUMP PULLEY
INSTALLER
(4.3 V-6 Diesel Engine)

J 33419-A RADIATOR CORE REMOVER/ INSTALLER



A must for aluminum radiators. Quickly unbends clinch tabs, then reforms tabs when assembling, without any damage. Adjustable installer jaws for perfect pressure.




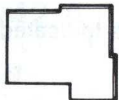
J 33984 RADIATOR TEST ADAPTER



The sprint has a smaller radiator cap that requires this adapter for pressure testing the radiator and cap.

MANUAL TRANSMISSION






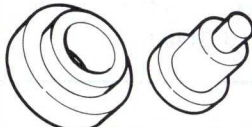
CLUTCH

	J 1048 CLUTCH SPRING ADJUSTING GAUGE PLATE 10 - 20 Truck
	J 1522 CLUTCH PILOT BEARING INSTALLER T and F Car, Corvette, 10 - 20 and S Truck
	J 5824-01 CLUTCH ALIGNMENT ARBOR 10 - 20 Truck, Corvette
	J 6456-01 CLUTCH SPRING ADJUSTING GAUGE 10 - 20 Truck




J 23907 CLUTCH PILOT BEARING REMOVER

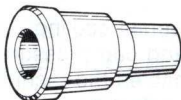



The pilot bearing is removed from the crankshaft using this slide hammer puller with the engine in the vehicle. J 23907 fits inside the bearing bore for removal without damage to the crankshaft or bearing. (Replacement leg J 23907-5)

	J 24547 CLUTCH ALIGNMENT ARBOR 1.8L T Car
	J 26516-A CLUTCH PILOT BEARING INSTALLER T Car, S Truck
	J 28449 CLUTCH ADJUSTMENT GAUGE T Car
	J 33034 CLUTCH ALIGNMENT ARBOR 2.0L S Truck
	J 33169 CLUTCH ALIGNMENT ARBOR (4 speed 1.5 & 1.9L & 2.2L diesel) Corvette, T Car, S Truck
	J 34140 CLUTCH PILOT BEARING INSTALLER (Diesel) 10 - 20 Truck

76MM 4-SPEED F-CAR

	J 8092 UNIVERSAL DRIVER HANDLE (3/4" - 10 Thread)
	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 22246 COUNTERSHAFT GEAR ALIGNMENT TOOL

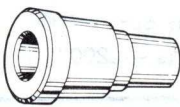

	J 23062-14 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER

**SATISFACTION GUARANTEED
OR YOUR MONEY BACK**


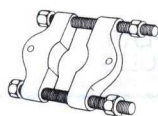

KENT-MOORE SPECIAL SERVICE TOOLS


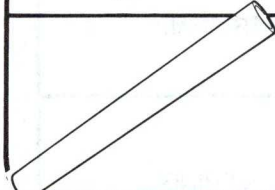
70MM 4-SPEED T-CAR

	J 8092 UNIVERSAL DRIVER HANDLE (3 3/4" — 10 Thread)
	J 21426 EXTENSION HOUSING SEAL INSTALLER

	J 23062-14 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER

69.5MM 5-SPEED T-CAR

	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 22912-01 BEARING AND GEAR PULLER
	J 26540 FRONT HOUSING DRIVE GEAR SEAL INSTALLER

	J 29768 TRANSMISSION HOLDING FIXTURE
	J 33851 MAINSHAFT ASSEMBLY TOOL

83MM 4-SPEED CORVETTE

	J 5590 MAINSHAFT FRONT BEARING INSTALLER
	J 6654-01 FRONT BEARING PULLER
	J 8433 UNIVERSAL PULLER BAR
	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER

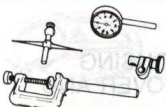
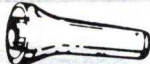




J 29369
BUSHING
REMOVER SET







This universal set includes a small, medium, & large expandable collet type bushing puller and is used with J 2619-01 Slide Hammer.






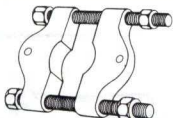
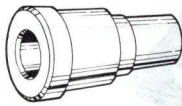

MANUAL TRANSMISSION

AUTOMATIC OVERDRIVE CORVETTE 1984 TO CURRENT

	J 8001 DIAL INDICATOR SET (.001" graduations — .200" Travel)
	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 23327 CLUTCH SPRING COMPRESSOR
	J 34162 HOLDING FIXTURE (Use with J 3289-20)
	J 34523 FRONT COVER SEAL INSTALLER
	J 34529 VALVE BODY SPRING COMPRESSOR

	J 34621 FRONT COVER SEAL PROTECTOR
	J 34671 THROTTLE SETTING GAUGE
	J 34672 DEPTH MICROMETER
	J 34673 FLAT GAUGE BAR
	J 34681 PRESSURE PLATE RETAINING BOLTS
	J 34742 AIR LINE ADAPTER



77MM 4-SPEED S & T TRUCK

	J 8092 UNIVERSAL DRIVER HANDLE (3/4" — 10 Thread)
	J 8433 UNIVERSAL PULLER BAR
	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 22912-01 BEARING AND GEAR PULLER
	J 23062-14 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER

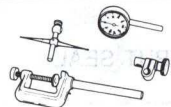
J 25234 FRONT & REAR BEARING INSTALLER

The front and rear bearings are driven onto the mainshaft using this tool when assembling this transmission. J 25234 is designed to be placed over the mainshaft and driven against the inner race to install the bearing.



	J 26624 COUNTERSHAFT GEAR ALIGNMENT TOOL
	J 33171 BOLTS - MAINSHAFT PULLER

77MM 5-SPEED T & F CAR-S & T TRUCK



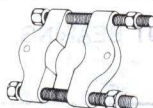
J 8001
DIAL INDICATOR SET
(.001" graduations — .200" Travel)



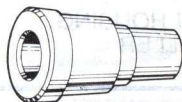
J 8092
UNIVERSAL DRIVER
HANDLE
(3/4" - 10 Thread)



J 21426
EXTENSION HOUSING
SEAL INSTALLER



J 22912-01
BEARING AND GEAR
PULLER



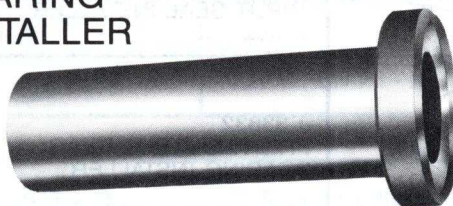
J 23062-14
EXTENSION HOUSING
BUSHING REMOVER AND
INSTALLER



J 23096
FRONT HOUSING DRIVE
GEAR SEAL INSTALLER

J 29895 COUNTERSHAFT REAR BEARING INSTALLER

This tool, when used with J 33032, installs the bearing to the current position in the transmission case on the countershaft.

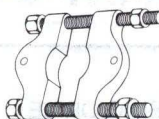


J 33032
REAR CLUSTER BEARING
ASSEMBLY TOOL

77.5MM 4-SPEED S & T TRUCK



J 8853-01
MAINSHAFT BEARING
RACE INSTALLER



J 22912-01
BEARING AND GEAR
PULLER



J 26540
FRONT HOUSING DRIVE
GEAR SEAL INSTALLER

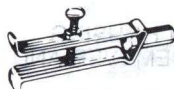


J 33035
EXTENSION HOUSING
SEAL INSTALLER

207 TRANSFER CASE T TRUCK



J 8092
UNIVERSAL DRIVER
HANDLE
(3/4" — 10 Thread)



J 29369-1
OUTPUT SHAFT BEARING
REMOVER
(Use with J 2619-01)



J 33826
REAR OUTPUT BUSHING
INSTALLER AND
MAINSHAFT SPROCKET
BEARING REMOVER


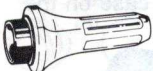


J 33828 MAINSHAFT SPROCKET BEARING INSTALLER






There are two caged needle bearings in the main drive sprocket that must be installed to the correct depth for proper oil access. The J 33828 is a double end tool that will install each bearing to its proper location.




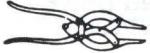


MANUAL TRANSMISSION


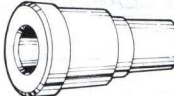

207 TRANSFER CASE -T TRUCK (CONTINUED)

	J 33829 PILOT BEARING INSTALLER
	J 33830 FRONT INPUT BEARING INSTALLER
	J 33831 INPUT SEAL INSTALLER
	J 33832 FRONT OUTPUT REAR BEARING INSTALLER
	J 33833 OUTPUT MAIN BEARING INSTALLER




	J 33834 FRONT OUTPUT SEAL INSTALLER
	J 33835 PUMP HOUSING SEAL INSTALLER
	J 33839 REAR OUTPUT BUSHING REMOVER
	J 33841 FRONT INPUT BEARING REMOVER
	J 33843 EXTENSION HOUSING SEAL INSTALLER

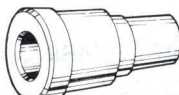
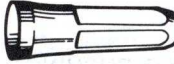

76MM 3-SPEED 10-20 TRUCK

	J 1126 TRANSMISSION GUIDE PINS
	J 8059 SNAP RING PLIERS (Parallel opening)
	J 8092 UNIVERSAL DRIVER HANDLE (3/4"—10 Thread)
	J 21426 EXTENSION HOUSING SEAL INSTALLER

	J 22246 COUNTERSHAFT GEAR ALIGNMENT TOOL
	J 23062-14 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER









89MM 4-SPEED 10-20 TRUCK


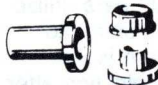
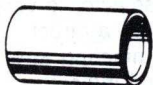
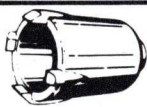
	J 1126 TRANSMISSION GUIDE PINS
	J 8059 SNAP RING PLIERS (Parallel opening)
	J 21426 EXTENSION HOUSING SEAL INSTALLER

	J 23062-14 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 23096 FRONT HOUSING DRIVE GEAR SEAL INSTALLER
	J 29793 COUNTERSHAFT GEAR ALIGNMENT TOOL

KENT-MOORE SPECIAL SERVICE TOOLS

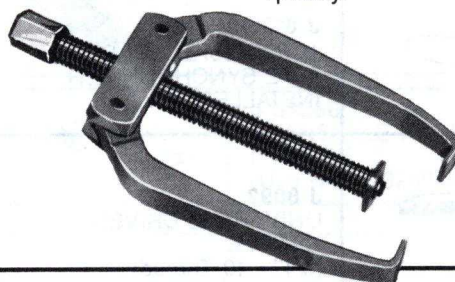
117MM 4-SPEED 10-20 TRUCK

	J 358-1 BEARING REMOVER HOLDER
	J 1126 TRANSMISSION GUIDE PINS
	J 8433 UNIVERSAL PULLER BAR
	J 22830-A SNAP RING INSTALLER
	J 22832-01 COUNTER GEAR & MAINSHAFT REAR BEARING REMOVER
	J 22833 FRONT HOUSING DRIVE GEAR SEAL INSTALLER
	J 22834 EXTENSION HOUSING SEAL INSTALLER
	J 22872 DRIVE GEAR BEARING REMOVER




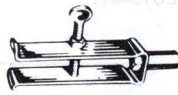
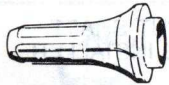

	J 22873 MAINSHAFT BUSHING INSTALLER
	J 22874 BEARING INSTALLER MAIN AND COUNTER SHAFT
	J 22875 ASSEMBLY TOOL 3RD GEAR
	J 23070 MAINSHAFT REAR LOCK NUT WRENCH - K Series







**J 28509-A
COUNTER GEAR
BEARING
REMOVER**

To remove the Counter Gear Front bearing, this two jawed puller has the needed strength to remove the highest bearings safely and quickly.



208 TRANSFER CASE 10-20 TRUCK

	J 2619-01 SLIDE HAMMER (5/8"—18 with 1/2" - 13 Adapter)
	J 7818 REAR OUTPUT SHAFT BEARING INSTALLER
	J 8092 UNIVERSAL DRIVER HANDLE (3/4"—10 Thread)
	J 26941 NEEDLE BEARING PULLER (Use with J 2619-01)
	J 29162 REAR RETAINER SEAL INSTALLER
	J 29163 FRONT OUTPUT SHAFT REAR BEARING INSTALLER

	J 29167 FRONT OUTPUT SHAFT FRONT BEARING INSTALLER
	J 29168 FRONT OUTPUT SHAFT FRONT BEARING REMOVER
	J 29169 INPUT GEAR BEARING INSTALLER
	J 29170 INPUT GEAR BEARING REMOVER
	J 29174 MAINSHAFT BEARING INSTALLER
	J 29369-1 OUTPUT SHAFT BEARING REMOVER (Use with J 2619-01)

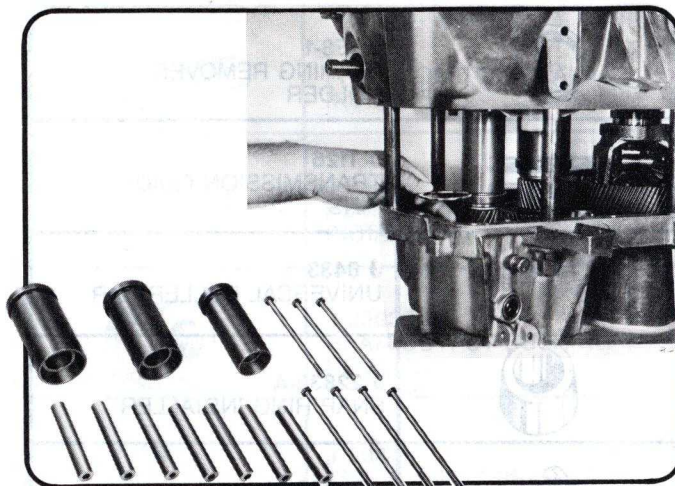
MANUAL TRANSAXLE








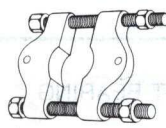
76MM 4-SPEED CURRENT A, J, X MODELS


J 26935 TRANSMISSION SHIM SELECTOR

The manual transaxle on the "A", "X" and "J" cars utilize tapered roller bearings that require the use of shims to provide the proper bearing preload. Since there is no external means of checking for proper shim selection after the case is assembled, the use of this shim selector is very important. This tool provides the technician with a direct method of selecting the proper shim, thus eliminating any mathematical computations or the use of a dial indicator.

U.S. Patent No. D257, 960



	J 2619-01 SLIDE HAMMER (5/8 - 18 Thread with 1/2 - 13 Adapter)
	J 6133-01 1ST/2ND/3RD GEAR & 1-2 SYNCHRONIZER INSTALLER
	J 8092 UNIVERSAL DRIVER HANDLE (3/4" - 10 Thread)
	J 22227-A RIGHT HAND BEARING REMOVER
	J 28467-A ENGINE SUPPORT FIXTURE
	J 22888 UNIVERSAL PULLER
	J 22888-30 PULLER LEGS (Use with J 22888)
	J 22912-01 INPUT SHAFT LEFT HAND BEARING REMOVER

	J 22919 DIFFERENTIAL SIDE BEARING CONE INSTALLER
	J 23423-A TRANSAXLE CASE BEARING CUP INSTALLER
	J 26936 RIGHT HAND INPUT SHAFT SEAL & BEARING CUP INSTALLER
	J 26937 SHIFTER SHAFT SEAL INSTALLER
	J 26938 AXLE SHAFT SEAL & BEARING CUP INSTALLER
	J 26941 TRANSMISSION CASE BEARING CUP REMOVER (Use with J 2619-01)
	J 26942 INPUT/OUTPUT SHAFT INNER RACE INSTALLER
	J 26943 INPUT/OUTPUT SHAFT BEARING REMOVER PILOT






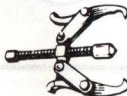
KENT-MOORE SPECIAL SERVICE TOOLS


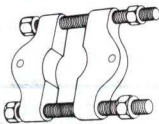
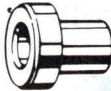



76MM 4-SPEED CURRENT A, J, X MODELS (CONTINUED)

	J 26946 INPUT SHAFT RIGHT HAND BEARING CONE REMOVER
	J 28406 RIGHT HAND INPUT SHAFT INNER BEARING INSTALLER
	J 28408 TRANSMISSION HOLDING FIXTURE
	J 28410 GASKET REMOVER
	J 28411 SHIFTER SHAFT ALIGNMENT PIN
	J 28412 CLUTCH FORK BUSHING REMOVER & INSTALLER

	J 28468 AXLE SHAFT REMOVER (Use with J 2619-01)
	J 29074 CLUTCH ALIGNMENT ARBOR
	J 29647-A REMOVAL ADAPTER
J 33162 DRIVE JOINT BOOT PROTECTOR  <p>Many GM cars utilize tripot style inner drive joints. J 33162 is required to protect the boot on these drive joints during servicing of the axle or nearby components.</p>	
	J 33366 TRANSAXLE HOLDING FIXTURE (Use with J 3289-20)





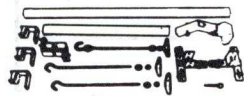



76MM 5-SPEED






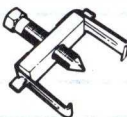
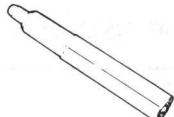
	J 7817 OUTPUT RACE INSTALLER
	J 8092 UNIVERSAL DRIVER HANDLE (3/4"—10 Thread)
	J 8611-01 DIFFERENTIAL RACE INSTALLER
	J 8853-01 OUTPUT SHAFT SECOND COLLAR BEARING INSTALLER
	J 22227-A RIGHT HAND BEARING REMOVER
	J 22888 UNIVERSAL PULLER

	J 22888-30 PULLER LEGS (Use with J 22888)
	J 22912-01 INPUT SHAFT LEFT HAND BEARING REMOVER
	J 22919 DIFFERENTIAL SIDE BEARING CONE INSTALLER
	J 23598 PILOT PLUG
	J 24256-A REAR BEARING OUTER RACE REMOVER
	J 25359-6 TORX BIT #45 (Use with J 25359-9)

MANUAL TRANSAXLE

76MM 5-SPEED (CONTINUED)

	J 26540 INPUT SHAFT SEAL
	J 26938 AXLE SHAFT SEAL & BEARING CUP INSTALLER
	J 26941 TRANSMISSION CASE BEARING CUP REMOVER (Use with J 2619-01)
	J 28412 CLUTCH FORK BUSHING REMOVER & INSTALLER
	J 28467-A ENGINE SUPPORT FIXTURE
	J 29074 CLUTCH ALIGNMENT ARBOR
	J 33366 TRANSAXLE HOLDING FIXTURE (Use with J 3289-20)
	J 33367 BEARING CUP PULLER BRIDGE

	J 33368 OUTPUT SHAFT FRONT BEARING INSTALLER
	J 33369 OUTPUT SHAFT FRONT BEARING REMOVER PILOT
	J 33370 OUTPUT SHAFT REAR BEARING CUP REMOVER & INSTALLER
	J 33371 INPUT SHAFT FRONT BEARING CUP INSTALLER
	J 33373 SHIM SELECTOR
	J 33374 BEARING & COLLAR INSTALLER
	J 35274 FIFTH GEAR PULLER
	J 35282 CLUTCH ALIGNMENT ARBOR (R Car)

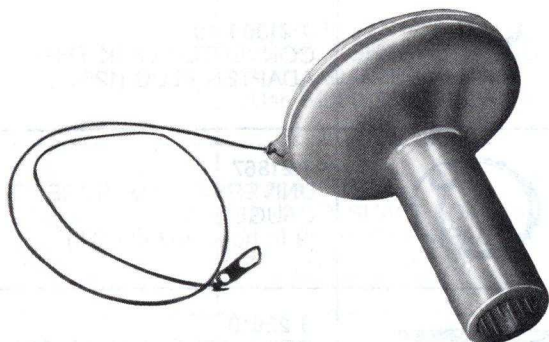


**Organization is a key
to Profits! See our
organization aids featured
on pages 4 & 5.**

CHEVROLET SPRINT

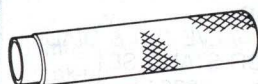
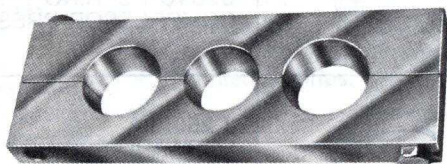
J 34852 PRELOAD CHECKING TOOL

This tool is used to check the rotating torque of the transaxle assembly. Use the J 544-01 Tension Scale for accurate measurement.

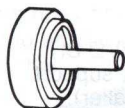


J 34843 TRANSAXLE SHAFT BEARING REMOVER

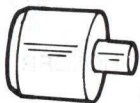
The three different size bearings on the input and output shafts can all be removed with this one press plate puller.



J 34844
TRANSAXLE SHAFT
BEARING INSTALLER



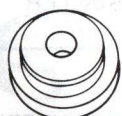
J 34846
COUNTERSHAFT BEARING
INSTALLER



J 34848
CLUTCH PILOT BEARING
INSTALLER



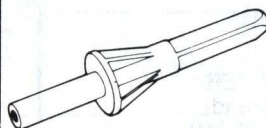
J 34849
TRANSAXLE SHAFT
BEARING OUTER RACE
INSTALLER



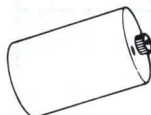
J 34851
DIFFERENTIAL SIDE
BEARING PULLER
ATTACHMENT



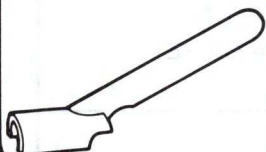
J 34855
INPUT SHAFT SEAL
INSTALLER



J 34857
GEAR SHIFT SHAFT SEAL
INSTALLER



J 34858
BEARING PRELOAD SHIM
GAUGE



J 34861
CLUTCH RELEASE OUTER
BUSHING REMOVER

J 34860 CLUTCH ALIGNMENT ARBOR







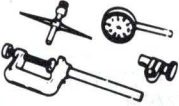




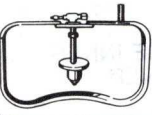
This tool will properly align the clutch for easy transaxle installation.




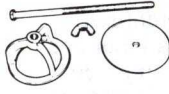
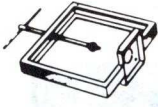









J 34862
CLUTCH RELEASE INNER
BUSHING REMOVER

TRANSAXLE-AUTOMATIC

125 & 125C TURBO HYDRA-MATIC

	J 2619-01 SLIDE HAMMER (5/8" x 18 with 1/2" x 13 adapter) (Use with J 28468 & J 28537-A)
	J 3289-20 TRANSAXLE HOLDING FIXTURE BASE (Use with J 28664-B)
	J 5207 SNAP RING PLIERS (Pump shaft bearing retainer)(Internal .090" dia. straight tip)
	J 5403 SNAP RING PLIERS For low band drive valve (Internal .038" dia. straight tip)
	J 6125-1B SLIDE HAMMER (3/8"—16 thread) (Use with J 26941)
	J 7079-2 DRIVER HANDLE (non threaded) (Use with J 28698)
	J 8001 DIAL INDICATOR SET
	J 8059 EXTERNAL SNAP RING PLIERS - Parallel jaws
	J 8092 DRIVER HANDLE (3/4"—10 thread)
	J 8433 GOVERNOR DRIVE GEAR REMOVER
	J 21366 CONVERTER HOLDING STRAP
	J 21369-D CONVERTER LEAK TEST FIXTURE

	J 21369-40 CONVERTER LEAK TEST ADAPTER PLUG (125c)
	J 21867 UNIVERSAL PRESSURE GAUGE SET (9 ft. hose; 0-300 P.S.I.)
	J 22610 DRIVE AXLE SEAL CLAMP PLIERS (Eared clamp with rubber seal)
	J 23327 FORWARD CLUTCH SPRING COMPRESSOR
	J 23456 CLUTCH SPRING COMPRESSOR PRESS
	J 25018-A FORWARD SPRING COMPRESSOR ADAPTER
	J 25025-B PUMP & VALVE PIN & DIAL INDICATOR STAND SET (Includes J 25025-7A)
	J 25359-5 #40 TORX DRIVE BIT (Drive sprocket support remover & installer)
	J 25359-9 3/8" DRIVE BIT HOLDER (For J 25359-5)
	J 26744-A CLUTCH PISTON SEAL INSTALLER (.015" and .031" wire ends)
	J 26938 AXLE SEAL INSTALLER
	J 26941 DRIVE SPROCKET NEEDLE BEARING PULLER

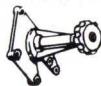
125 & 125C TURBO HYDRA-MATIC (CONTINUED)



J 26958-10
OUTPUT SHAFT LOADING
TOOL ADAPTER PLUG
(Use with J 26958-16)



J 26958-11
OUTPUT SHAFT LOADING
TOOL ADAPTER BRACKET
(Use with J 26958-16)



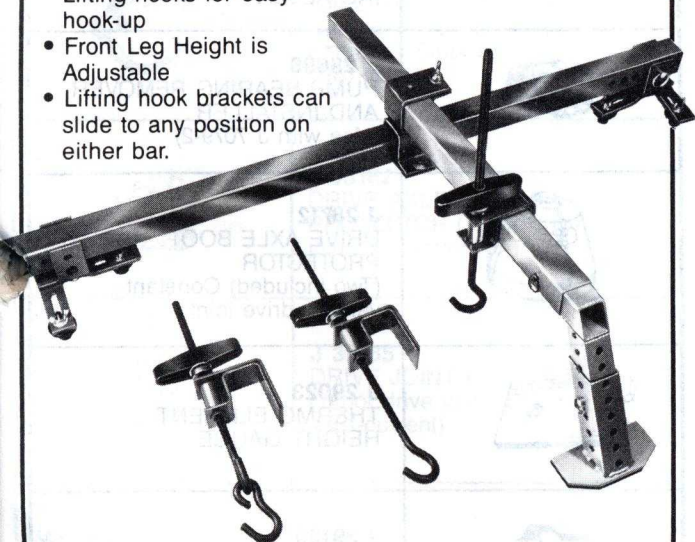
J 26958-16
OUTPUT SHAFT ALIGNING
AND LOADING TOOL

J 28467-A ENGINE SUPPORT FIXTURE

J 28467-A is used for service procedures requiring engine support, such as transaxle removal and cradle service. This support fixture has been designed for use on all GM vehicles with transverse mounted engines.

Features include:

- Universal Design
- Support legs securely attach to any GM strut tower
- Illustrated instructions
- Heavy Duty Design
- Large Wing Nuts on Lifting hooks for easy hook-up
- Front Leg Height is Adjustable
- Lifting hook brackets can slide to any position on either bar.

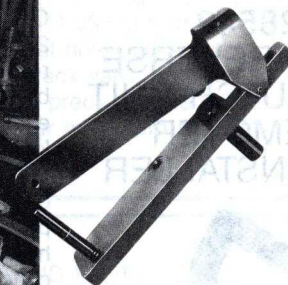
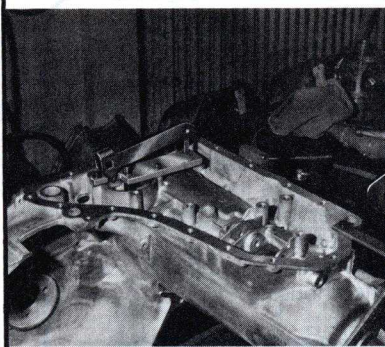


J 28468
AXLE SHAFT REMOVER
(Constant velocity drive joint)
(Use with J 2619-01, slide hammer)

J 28535 INTERMEDIATE BAND APPLY PIN GAUGE

(Includes J 28535-50, checking block)

On the 125 and 125c THM this tool is necessary to gauge the intermediate band to apply pin dimension to determine the correct pin to use. The band apply pin dimensions are checked through a "go; no go" viewing window using transmission pins, thus eliminating the need for a dial indicator.



J 28537-B BUSHING SERVICE SET

(Use with J 2619-01 slide hammer & J 8092 driver handle)



Consists of:

- J 28537-1** CONVERTER AND LO & REVERSE BUSHING INSTALLER
- J 28537-2** CASE & DRIVE SPROCKET SUPPORT BUSHING INSTALLER, INPUT INTERNAL GEAR REMOVER
- J 28537-3** DRIVEN SPROCKET SUPPORT & REACTION SUN GEAR BUSHING INSTALLER
- J 28537-4** REACTION CARRIER & INPUT INTERNAL GEAR BUSHING INSTALLER - DIRECT CLUTCH REMOVER
- J 28537-5** DIRECT CLUTCH BUSHING INSTALLER
- J 28537-6** INPUT SHAFT INSTALLER & CASE BUSHING REMOVER
- J 28537-7** FINAL DRIVE GEAR REMOVER
- J 28537-7** FINAL DRIVE INTERNAL GEAR BUSHING INSTALLER
- J 28537-17** DRIVE SPROCKET BUSHING INSTALLER
- J 29369** BUSHING REMOVERS (Set of 3 sizes)

TRANSAXLE-AUTOMATIC

125 & 125C TURBO HYDRA-MATIC (CONTINUED)



J 28538
CONVERTER END PLAY
CHECKING TOOL (125)



J 28540-A
CONVERTER SEAL
INSTALLER

J 28542 LO-REVERSE CLUTCH UNIT REMOVER & INSTALLER

On the 125, 125c, 200, 200 4R, and 325 THM's, the reverse clutch housing must be aligned with internal and external splines while being lowered into position. This tool grips the inside diameter of the clutch and provides a means for holding and rotating the clutch housing.



J 28544
INPUT SHAFT LIFTER



J 28583
OUTPUT SHAFT C-RING
REMOVER



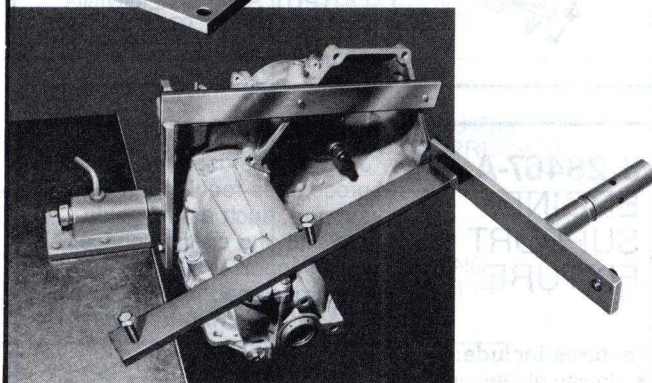
J 28585
SNAP RING REMOVER



J 28588
REACTION SUN GEAR
SNAP RING & CARRIER
WASHER GAUGE

J 28664-B & J 3289-20 HOLDING FIXTURE & BASE

The Transaxle Case Holding Fixture, J 28664-B, when used with J 3289-20, Base, is required to mount the 125, 125c and 440 T4 THM transaxle on a bench for disassembly and reassembly. This fixture is designed with the mounting pin on the transaxle center of gravity so that the transaxle can be rotated to any position with a minimum of effort.



J 28677
SPROCKET SUPPORT
NEEDLE BEARING
INSTALLER



J 28698
PUMP BEARING REMOVER
AND INSTALLER
(Use with J 7079-2)



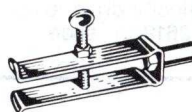
J 28712
DRIVE AXLE BOOT
PROTECTOR
(Two included) Constant
velocity drive joint



J 29023
THERMO ELEMENT
HEIGHT GAUGE



J 29130
RIGHT HAND AXLE SHAFT
SEAL INSTALLER

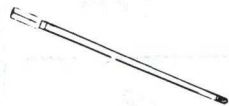


J 29369
UNIVERSAL BUSHING
REMOVERS
Set of 3 sizes includes
J 26941

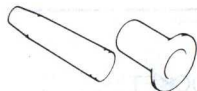
125 & 125C TURBO HYDRA-MATIC (CONTINUED)



J 29569
TURBINE SHAFT SEAL
INSTALLER
(J 29569-1 expander,
J 29569-2 compressor)



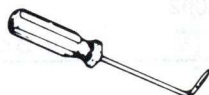
J 29794
AXLE SHAFT REMOVER
EXTENSION



J 29829
TURBINE SHAFT SEAL
INSTALLER (125c only)
(J 29829-1 expander,
J 29829-2 compressor)



J 29830
CONVERTER END PLAY
CHECK TOOL (125c)



J 29836
UNIVERSAL SNAP RING
REMOVER



J 33008
AXLE SHAFT REMOVER
(Use with J 2619-01, slide
hammer) Tripot drive joint,
1981-current



J 33162
DRIVE AXLE BOOT
PROTECTOR (Tripot drive
joint, 1981-current)



J 33165
DRIVE JOINT RETAINER
(Tripot drive joint,
1981-current)



J 33381
FINAL DRIVE REMOVER
AND INSTALLER

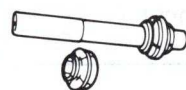


J 33411
AXLE SLEEVE INSTALLER
(1980 to 1982 X Car)

J 33856 THIRD ACCUMULATOR SEAT REFACING TOOL



This tool is used to re-cut the check valve seat at the bottom of the 3rd accumulator bore in the 125 THM and 125c transaxle and is used in conjunction with the new bullet-shaped check valve and spring assembly. Leakage past this check valve will exhaust direct clutch accumulator oil causing premature failure of the intermediate band and slippage or burning of the direct clutch. J 33856 forms the exhaust hole concentric to the check valve bore and cuts a precise angle in the seat for maximum sealing.



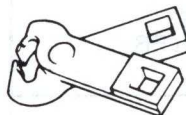
J 34008
LOW AND REVERSE
CLUTCH HOUSING
REMOVER & INSTALLER
(Metal)



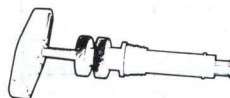
J 34188
TRANSMISSION
IDENTIFICATION PLATE
RIVET REMOVER



J 34757
OUTPUT SHAFT "C" RING
REMOVER AND INSTALLER
(Supersedes J 28583)



J 34773
DRIVE AXLE SEAL CLAMP
PLIERS (Eared clamp with
thermo plastic seal)









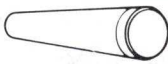
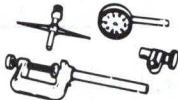



J 35138
UNIVERSAL CONVERTER
END PLAY MEASUREMENT
TOOL All turbo hydra-matic
transmissions


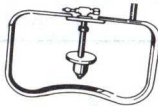








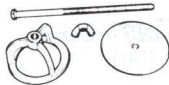


J 35566
DRIVE AXLE SEAL CLAMP
PLIERS (All earless clamps)

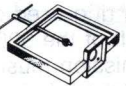



TRANSAXLE-AUTOMATIC

325/325 4L TURBO HYDRA-MATIC

	J 2619-01 SLIDE HAMMER (5/8" x 18 with 1/2" x 13 adapter)
	J 4646 INTERNAL SNAP RING PLIERS (.090" dia. straight tip with spring & stop)
	J 5207 #25 INTERNAL SNAP RING PLIERS (.090" dia. straight tip)
	J 5403 INTERNAL SNAP RING PLIERS (.038" dia. straight tip)
	J 5586-A EXTERNAL VACUUM GRIP SNAP RING PLIERS
	J 6125-1B SLIDE HAMMER (3/8"—16 thread)
	J 6133-01 DRIVE SPROCKET BEARING INSTALLER
	J 8001 DIAL INDICATOR SET
	J 8059 EXTERNAL SNAP RING PLIERS - Parallel jaws
	J 8092 DRIVER HANDLE (3/4"—10 thread)
	J 21359 PUMP SEAL INSTALLER

	J 21366 CONVERTER HOLDING STRAP
	J 21369-D CONVERTER LEAK TEST FIXTURE
	J 21371 CONVERTER END PLAY MEASURING TOOL
	J 21465-3 DRIVE SPROCKET SUPPORT BUSHING INSTALLER (325)
	J 21465-13 DRIVER HANDLE EXTENSION (3/4"—10 thread) Use with J 8092
	J 21465-15 DRIVE SPROCKET SUPPORT BUSHING REMOVER (325)
	J 21465-17 PUMP BUSHING REMOVER AND INSTALLER (325)
	J 21867 UNIVERSAL PRESSURE GAUGE SET (9 ft. hose; 0-300 P.S.I.)
	J 22240-A TRANSMISSION HOLDING FIXTURE (Use with J 3289-20 1966-78 Tornado and Eldorado)
	J 22610 DRIVE AXLE SEAL CLAMP PLIERS (Eared clamp with rubber seal)
	J 23327 CLUTCH SPRING COMPRESSOR

325/325 4L TURBO HYDRA-MATIC (CONTINUED)









	J 23456 CLUTCH PACK COMPRESSOR
	J 25010 DIRECT CLUTCH SEAL PROTECTOR
	J 25011 LO/REVERSE CLUTCH SEAL PROTECTOR
	J 25014 INTERMEDIATE BAND APPLY PIN GAUGE

J 25019 BUSHING SERVICE SET



Consists of:

J 24036	REACTION SHAFT BUSHING REMOVER
J 25019-2	FRONT STATOR PUMP & REAR SUN GEAR BUSHING INSTALLER
J 25019-3	FRONT INTERNAL GEAR BUSHING REMOVER
J 25019-4	DIRECT CLUTCH BUSHING REMOVER
J 25019-6	REAR STATOR PUMP & DIRECT CLUTCH BUSHING INSTALLER (Small)
J 25019-7	REAR CARRIER BUSHING INSTALLER
J 25019-8	LO & REV. CLUTCH BUSHING INSTALLER
J 25019-9	DIRECT CLUTCH & FRONT INTERNAL GEAR BUSHING INSTALLER
J 25019-12	FRONT PUMP OIL BUSHING INSTALLER
J 25019-14	STATOR PUMP BUSHING REMOVER
J 25019-16	DIRECT CLUTCH FRONT, REV. CLUTCH & REAR CARRIER BSH. REM.
J 25019-17	SPECIAL CONTAINER ASSEMBLY

	J 25025-B PUMP & VALVE PIN & DIAL INDICATOR STAND SET (Includes J 25025-7A)
	J 25359-5 #40 TORX DRIVE BIT (Oil pump)
	J 25359-9 TORX 3/8" DRIVE BIT HOLDER for J 29359-5
	J 26744-A CLUTCH PISTON SEAL INSTALLER (.015" and .031" wire ends)
	J 26900-27 FLEXIBLE STEEL SCALE (0 to 150mm)
	J 26958-16 OUTPUT SHAFT ALIGNMENT AND LOADING TOOL
	J 26959 FORWARD AND DIRECT CLUTCH REMOVER AND INSTALLER
	J 28492 TRANSMISSION HOLDING FIXTURE (Use with J 3289-20)

J 28493 SERVO COVER DEPRESSOR



This tool is required to depress the servo cover for removal and installation of the retaining ring. It is designed for use with the transmission in the car or on the bench. J 28493 is screw actuated, leaving the technician with both hands free to handle the retaining ring.

TRANSAXLE-AUTOMATIC

325/325 4L TURBO HYDRA-MATIC (CONTINUED)



J 28494
INPUT SHAFT LIFTER



J 28542
LOW AND REVERSE
CLUTCH HOUSING
REMOVER AND INSTALLER



J 28585
SNAP RING REMOVER



J 28630
CUP PLUG INSTALLER



J 28667-A
DIAL INDICATOR
EXTENSION

J 29369 UNIVERSAL BUSHING REMOVERS

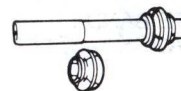
These expandable removers are invaluable for servicing automatic transmissions and other automotive components. The set includes 3 different sized removers which cover a bushing range from 1 to 4 inches. The Removers are used with J 2619-01 slide hammer.



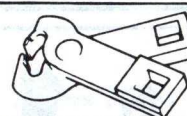
J 29836
UNIVERSAL SNAP RING
REMOVER

J 29846 TURBINE SHAFT SEAL INSTALLER

The solid teflon ring used on the turbine shaft of the 325 4L THM transmission must not be overstretched during installation. J 29846 allows the teflon ring to be slid in place and then sized into the seal groove.



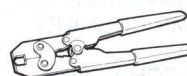
J 34008
LOW AND REVERSE CLUTCH
HOUSING REMOVER AND
INSTALLER (Metal)



J 34773
DRIVE AXLE SEAL CLAMP
PLIERS (Eared clamp with
thermo plastic seal)








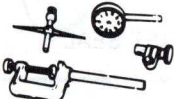




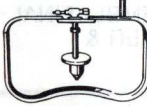
J 35138 UNIVERSAL TORQUE CONVERTER END PLAY MEASURING TOOL




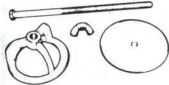
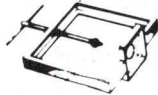








This tool was initially developed for the new 700 R4 and 440 T4 torque converters, however, the unique design features of the tool allow it to measure end play on all past and present General Motors torque converters with or without a converter clutch. J 35138 supersedes the following previously released torque converter end play tools: J 21371, J 25020-02, J 28538, J 29060, J 29830.



J 35566
DRIVE AXLE SEAL CLAMP
PLIERS (All earless clamps)




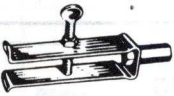





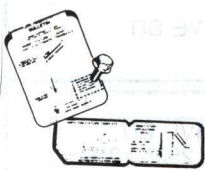

440 T4 TURBO HYDRA-MATIC





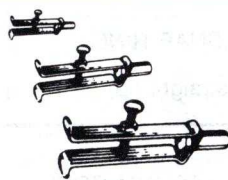

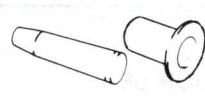

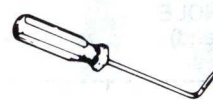

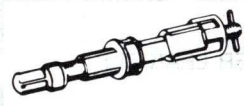
	J 2619-01 SLIDE HAMMER (5/8" x 18 with 1/2" x 13 adapter)
	J 3289-20 TRANSMISSION HOLDING FIXTURE BASE (Use with J 28664-B)
	J 4646 INTERNAL SNAP RING PLIERS (.090" dia. straight tip with spring & stop)
	J 5207 #25 INTERNAL SNAP RING PLIERS (.090" dia. straight tip)
	J 5403 INTERNAL SNAP RING PLIERS (.038" dia. straight tip)
	J 5586-A EXTERNAL VACUUM GRIP SNAP RING PLIERS
	J 6125-1B SLIDE HAMMER (3/8"—16 thread)
	J 8001 DIAL INDICATOR SET
	J 8059 EXTERNAL SNAP RING PLIERS - Parallel jaws
	J 8092 DRIVER HANDLE (3/4"—10 thread)
	J 8433 GOVERNOR DRIVE GEAR PULLER
	J 21366 CONVERTER HOLDING STRAP
	J 21369-D CONVERTER LEAK TEST FIXTURE

	J 21867 UNIVERSAL PRESSURE GAUGE SET (9 ft. hose; 0-300 P.S.I.)
	J 22610 DRIVE AXLE SEAL CLAMP PLIERS (Eared clamp with rubber seal)
	J 23129 CONVERTER HOUSING SEAL REMOVER (Use with J 6125-1B)
	J 23327 CLUTCH SPRING COMPRESSOR
	J 23456 CLUTCH PACK COMPRESSOR
	J 23907 UNIVERSAL SLIDE HAMMER & PULLER
	J 25018-A INPUT CLUTCH SPRING COMPRESSOR ADAPTER (Use with J 23327)
	J 25025-B PUMP & VALVE PIN & DIAL INDICATOR STAND SET (Includes J 25025-7A)
	J 25359-3 #27 TORX DRIVE BIT
	J 25359-4 #30 TORX DRIVE BIT
	J 25359-5 #40 TORX DRIVE BIT
	J 25359-8 TORX 1/4" DRIVE BIT HOLDER for J 25359-3 & J 25359-4
	J 25359-9 TORX 3/8" DRIVE BIT HOLDER for J 25359-5

TRANSAXLE-AUTOMATIC

440 T4 TURBO HYDRA-MATIC (CONTINUED)

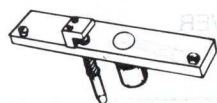
	J 26744-A SEAL INSTALLER (.015" and .031" wire ends)
	J 26900-27 FLEXIBLE STEEL SCALE (0-150mm)
	J 26938 AXLE SEAL INSTALLER
	J 26941 DRIVE SPROCKET SUPPORT BEARING REMOVER
	J 26958-10 LOADING TOOL ADAPTER PLUG
	J 26958-16 OUTPUT SHAFT LOADING/ALIGNING TOOL (Use with J 26958-10 & J 34095)
	J 28540-A TORQUE CONVERTER SEAL INSTALLER
	J 28583 OUTPUT SHAFT C-RING REMOVER
	J 28585 SNAP RING REMOVER
	J 28664-440 TRANSMISSION HOLDING FIXTURE UPDATE KIT (Adapts J 28664-A to 440 T4)
	J 28664-B TRANSMISSION HOLDING FIXTURE (Includes J 28664-440)

	J 28677 DRIVE SPROCKET SUPPORT BEARING INSTALLER
	J 28698 PUMP BEARING REMOVER AND INSTALLER
	J 28712 DRIVE AXLE BOOT PROTECTORS (2 included) Constant velocity drive joint
	J 29130 RIGHT SIDE AXLE SHAFT SEAL INSTALLER
	J 29369 UNIVERSAL BUSHING REMOVERS (Includes J 26941) (Featured on page 154)
	J 29569 TURBINE SHAFT SEAL INSTALLER
	J 29829 TURBINE SHAFT SEAL INSTALLER
	J 29830 CONVERTER END PLAY MEASURING TOOL
	J 29836 UNIVERSAL SNAP RING REMOVER
	J 33162 DRIVE AXLE BOOT PROTECTOR TRIPOT DRIVE JOINT, 1981-current
	J 33381 CLUTCH ASSEMBLY/FINAL DRIVE REMOVER & INSTALLER

440 T4 TURBO HYDRA-MATIC (CONTINUED)

J 33382
FIRST, SECOND
& REVERSE
BAND APPLY
PIN GAUGE

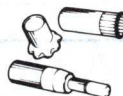
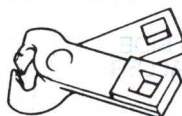
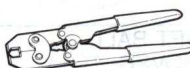
This tool is necessary for gaging the 1-2 band and reverse band apply pin dimensions for selection of the proper length apply pins. The tool is inserted into the servo cover bore and rotated to seat it in the snap ring groove. A specific torque is applied and the pin length is checked using the go/no go gage.

**J 33386**
INPUT SHAFT END PLAY
TOOL**J 34091**
INPUT CLUTCH PISTON
SEAL PROTECTOR**J 34092**
THIRD CLUTCH PISTON
SEAL PROTECTOR**J 34094-A**
THERMO
ELEMENT
HEIGHT
GAUGE

The 440 T4 has three pins which secure and control the thermostatic element and plate. Their installed heights are critical for proper temperature regulated oil flow. With the plate in place and the element removed, J 34094-A is used to set the height of all three pins in relation to the machined oil flow passage.



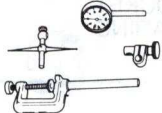


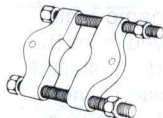
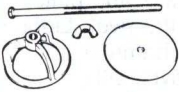



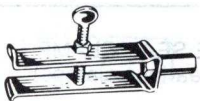
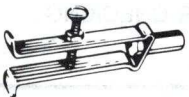
**J 34095**
OUTPUT SHAFT LOADING
TOOL ADAPTER**J 34115**
LEFT SIDE AXLE SEAL
INSTALLER**J 34126**
DRIVEN SPROCKET
SUPPORT BEARING
INSTALLER**J 34129**
DRIVEN SPROCKET
SUPPORT BEARING
REMOVER**J 34188**
TRANSMISSION
SERIAL NAME
PLATE
RIVET
REMOVER

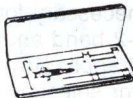

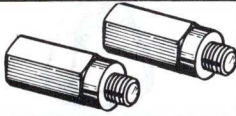


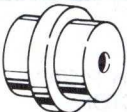
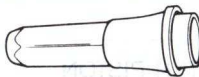
Transmission name plates contain important information such as model year, model code, serial number, and Julian date build code. If for some reason the transmission case must be entirely replaced, the name plate must be removed from the scrap case and reinstalled on the new case. Using a screwdriver will destroy the plate. J 34188 wedges between the case and plate, and straddles the rivet. Light tapping with a hammer will force out the rivet with a minimal amount of damage to the plate.

**J 34741**
INPUT SHAFT SEAL
INSTALLER**J 34757**
OUTPUT SHAFT "C" RING
REMOVER AND INSTALLER
(Supersedes J 29830)**J 34773**
DRIVE AXLE SEAL CLAMP
PLIERS (Eared clamp with
thermo plastic seal)**J 35566**
DRIVE AXLE SEAL CLAMP
PLIERS (All earless clamps)**J 35258**
MODULATOR CHECKING
TOOL

TRANSAXLE-AUTOMATIC

M-CAR CHEVROLET SPRINT

	J 6125-B OIL PUMP PULLER SLIDE HAMMERS (Includes two J 6125-1B pullers) (use with J 35495)
	J 7079-2 DRIVER HANDLE
	J 8001 DIAL INDICATOR SET
	J 9617 OIL PUMP SEAL INSTALLER
	J 22888 OUTPUT SHAFT BEARING PULLER
	J 22912-01 DIFFERENTIAL SIDE BEARING REMOVER
	J 23327 CLUTCH SPRING COMPRESSOR
	J 23907 SLIDE HAMMER
	J 25018-A CLUTCH SPRING COMPRESSOR ADAPTER
	J 29036 DIFFERENTIAL SIDE BEARING INSTALLER
	J 29369-1 COUNTERSHAFT BALL BEARING REMOVER
	J 29369-2 COUNTERSHAFT ROLLER BEARING REMOVER

	J 34672 DEPTH MICROMETER
	J 34673 FLAT GAUGE BAR
	J 35495 OIL PUMP PULLER ADAPTERS
	J 35525 HOLDING FIXTURE (use with J 3289-20)
	J 35534 PISTON COVER DEPRESSOR
	J 35537 COUNTERSHAFT BEARING INSTALLER
	J 35538 AXLE SHAFT SEAL INSTALLER






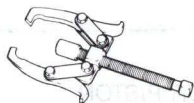
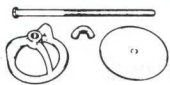

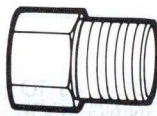



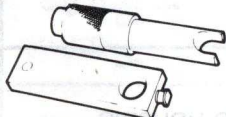
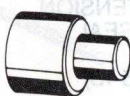
J 35539 OUTPUT SHAFT REMOVER & INSTALLER

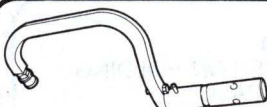

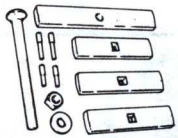
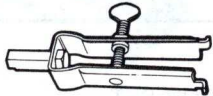
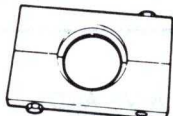
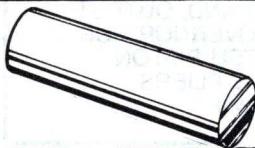

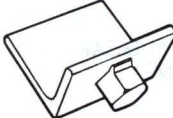



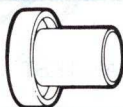
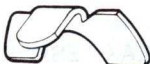
This tool is used to remove and install the output shaft. It will also install new bearings onto the shaft.



	J 35608 COUNTERSHAFT INSTALLER
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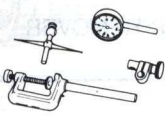






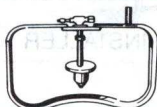

R-CAR CHEVROLET SPECTRUM

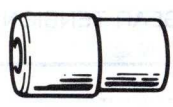










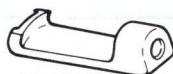
	J 544-01 STEERING GEAR TENSION SCALE
	J 3289-20 TRANSAxLE HOLDING FIXTURE BASE
	J 8092 DRIVER HANDLE (3/4"—10 thread)
	J 8433 SPEEDOMETER GEAR PULLER
	J 21867 PRESSURE GAUGE AND HOSE ASSEMBLY
	J 22888 SIDE BEARING REMOVER
	J 23327 CLUTCH SPRING COMPRESSOR
	J 25018-A CLUTCH SPRING COMPRESSOR ADAPTER
	J 25695-10 OIL PRESSURE GAUGE ADAPTER (Use with J 5907-A or J 21867)
	J 26941 TRANSMISSION CASE BEARING CUP REMOVER
	J 29130 AXLE SEAL INSTALLER
	J 29184 TORQUE CONVERTER SEAL INSTALLER
	J 35259 BEARING PRELOAD CHECKER
	J 35263 OUTPUT SHAFT BEARING INSTALLER PILOT

	J 35276 TRANSAxLE HOLDING FIXTURE (Use with J 3289-20)
	J 35278 SERVO PISTON COMPRESSOR
	J 35279 LOW AND REVERSE SPRING COMPRESSOR
	J 35280 BEARING CUP REMOVER
	J 35281 OUTPUT GEAR BEARING REMOVER
	J 35283 INPUT GEAR BEARING INSTALLER
	J 35284 BEARING SHIM SELECTOR
	J 35286 IDLER GEAR SHAFT HOLDER
	J 35287 OUTPUT GEAR BEARING CUP INSTALLER
	J 35288 SIDE BEARING PULLER PILOT
	J 35290 SIDE BEARING OUTER RACE INSTALLER
	J 35291 SIDE BEARING INSTALLER
	J 35513 LOW AND REVERSE CLUTCH PACK SUPPORT

AUTOMATIC TRANSMISSION

180/180c 3-SPEED (STRAUSBORG)

	J 3289-20 TRANSMISSION HOLDING FIXTURE BASE
	J 3387-2 CONVERTER HOUSING GUIDE PIN (2 required)
	J 6125-1B SLIDE HAMMER (3/8" - 16 thread) (Use with J 23129)
	J 8001 DIAL INDICATOR SET
	J 8059 MODULATOR VALVE AND SLEEVE RETAINING PIN REMOVER AND, OUTPUT SHAFT, GOVERNOR HUB AND CLUTCH PISTON SNAP RING PLIERS (Parallel jaws)
	J 8092 DRIVER HANDLE (3/4" - 10 thread)
	J 8400-1 REACTION SUN GEAR DRUM BUSHING REMOVER
	J 8763-02 TRANSMISSION HOLDING FIXTURE (Use with J 3289-20 base) (Featured on page 152)
	J 21359 CONVERTER HOUSING SEAL INSTALLER
	J 21366 CONVERTER HOLDING STRAP
	J 21369-D CONVERTER LEAK TEST FIXTURE
	J 21369-40 CONVERTER LEAK TEST ADAPTER PLUG

	J 21424-9 EXTENSION HOUSING BUSHING REMOVER AND INSTALLER
	J 21426 EXTENSION HOUSING SEAL INSTALLER
	J 21465-17 CONVERTER HOUSING BUSHING REMOVER AND INSTALLER
	J 21867 UNIVERSAL PRESSURE GAUGE SET (0-300 P.S.I. with 9 foot hose)
	J 22269-01 ACCUMULATOR PISTON COMPRESSOR
	J 23075 SERVO AND THIRD CLUTCH PISTON SPRING COMPRESSOR
	J 23080-A SECOND CLUTCH PISTON SEAL INSTALLER
	J 23082-01 CONVERTER HOUSING TO OIL PUMP ALIGNING TOOL
	J 23084 THIRD CLUTCH PISTON LIP SEAL PROTECTOR
	J 23085 SELECTIVE WASHER AND OIL PUMP HUB TO SECOND CLUTCH GAUGING TOOL
	J 23100 VACUUM MODULATOR WRENCH
	J 23129 CONVERTER HOUSING SEAL AND EXTENSION HOUSING OIL SEAL REMOVER (Use with J 6125-1B)

180/180c 3-SPEED (STRAUSBORG) (CONTINUED)

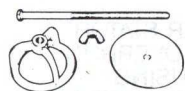
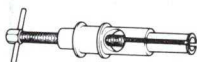
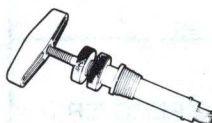
**J 23130
TRANSMISSION
BUSHING
SERVICE
SET**(Use with J 8092 and
J 6125-1B)

Consists of:

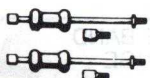
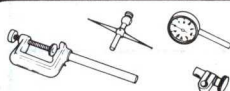
- J 23130-1** OIL PUMP REAR BUSHING INSTALLER
J 23130-2 REACTION SUN GEAR DRUM BUSHING INSTALLER
J 23130-3 CASE BUSHING REMOVER AND INSTALLER
J 23130-5 OIL PUMP REAR BUSHING REMOVER (3/4 - 14 NPT Tap)
J 23130-6 SECOND CLUTCH HUB BUSHING REMOVER AND INSTALLER
J 23130-7 REACTION SUN GEAR DRUM BUSHING SLEEVE INSTALLER
J 23130-8 SPECIAL STORAGE CASE

**J 29351
THIRD CLUTCH
RING
COMPRESSOR**

On the 180 transmission for the Chevette and T1000, this tool is required for removal of the internal snap ring to gain access to the clutch pack. Operating instructions for this tool are included. (Late 1979 to current)

**J 23327
CLUTCH SPRING
COMPRESSOR****J 25019-2
OIL PUMP FRONT
BUSHING INSTALLER****J 26744-A
UNIVERSAL SEAL
INSTALLER
(.015" and .031" wire ends)
(Featured on page 153)****J 28456
THIRD CLUTCH RETAINING
RING COMPRESSOR
(Through early 1979)****J 29830
CONVERTER END PLAY
MEASURING TOOL****J 29838
CLUTCH SPRING
COMPRESSOR ADAPTER
(180c only)****J 34188
TRANSMISSION SERIAL
NAME PLATE RIVET
REMOVER****J 35138
UNIVERSAL CONVERTER
END PLAY TOOL (All turbo
hydra-matic torque
converters)**

200/200 4R TURBO HYDRA-MATIC

**J 3289-20
TRANSMISSION HOLDING
FIXTURE BASE
(Use with J 8763-02)****J 6125-B
SLIDE HAMMERS
(3/8"—16 thread)****J 7057
DIAL INDICATOR
EXTENSION - 2-1/2" long
(Use with J 8001)****J 8001
DIAL INDICATOR SET****J 8059
OUTPUT SHAFT TO
SELECTIVE WASHER, AND
DIRECT CLUTCH AND
LOW-REVERSE CLUTCH
HOUSINGS SNAP RING
PLIERS (Parallel jaws)****J 8092
DRIVER HANDLE
(3/4"—10 thread)**

AUTOMATIC TRANSMISSION

200/200 4R TURBO HYDRA-MATIC (CONTINUED)



J 8433
SPEEDOMETER GEAR
PULLER
(Use with J 21427-01)

J 8763-02 TRANSMISSION HOLDING FIXTURE



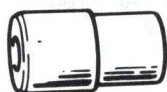
This fixture is used with the J 3289-20 Base to securely hold the transmission for servicing. It attaches to the transmission in special bosses cast in the case and allows a full 360 degree rotation to provide a convenient working height in all positions. The J 8763-02 will hold all 180, 200, 200 4R, 250, 350 and 700 R4 Turbo Hydra-matic transmissions.



J 21366
CONVERTER HOLDING
STRAP



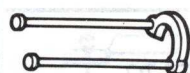
J 21369-D
CONVERTER LEAK TEST
FIXTURE



J 21424-9
CASE BUSHING REMOVER
AND INSTALLER (200c, 200)



J 21426
REAR OIL SEAL
INSTALLER



J 21427-01
SPEEDOMETER GEAR
PULLER ADAPTER
(Use with J 8433)



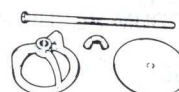
J 21867
UNIVERSAL PRESSURE
GAUGE SET
(0-300 P.S.I. with 9 foot
hose)



J 22269-01
CLUTCH ACCUMULATOR
PISTON REMOVER AND
INSTALLER



J 23129
CONVERTER HOUSING
SEAL INSTALLER
(Use with J 6125-1B)



J 23327
CLUTCH SPRING
COMPRESSOR



J 24036
PUMP COVER STATOR
SHAFT AND OVERRUN
CLUTCH HOUSING
BUSHING REMOVER (Use
with J 6125-1B)



J 24684
PRESSURE REGULATOR
VALVE SPRING
COMPRESSOR (200)



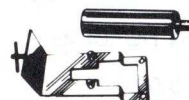
J 24773-A
OIL PUMP REMOVER AND
END-PLAY CHECKING
FIXTURE



J 25010
DIRECT CLUTCH SEAL
PROTECTOR



J 25011
LOW-REVERSE CLUTCH
SEAL PROTECTOR



J 25013-A
OUTPUT SHAFT AND
REAR UNIT SUPPORT
FIXTURE (200, 200c)



J 25014
INTERMEDIATE BAND
APPLY PIN GAUGE



J 25015
OIL PUMP BODY AND
COVER ALIGNMENT BAND

200/200 4R TURBO HYDRA-MATIC (CONTINUED)



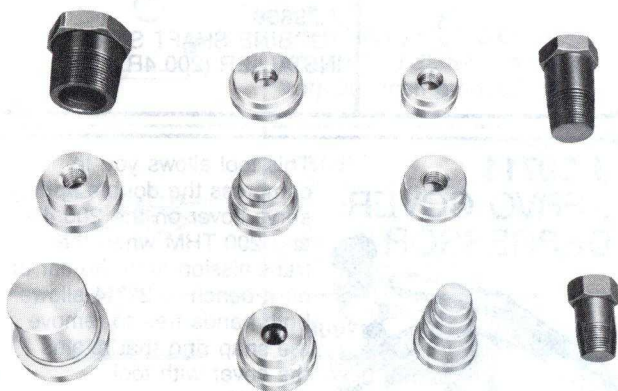
J 25016
FRONT OIL PUMP SEAL
INSTALLER



J 25018-A
FORWARD CLUTCH
SPRING COMPRESSOR
ADAPTER
(Use with J 23327)

J 25019
200, 200c
BUSHING
SERVICE
SET

(Use with J 8092 and
J 6125-1B)



Consists of:

- | | |
|---|---|
| J 25019-2 FRONT PUMP COVER AND REAR SUN GEAR BUSHING INSTALLER (200 and 2004R) | J 25019-12 PUMP BODY BUSHING INSTALLER |
| J 25019-3 FRONT INTERNAL BUSHING REMOVER (200 and 2004R) | J 25019-14 FRONT PUMP COVER BUSHING REMOVER |
| J 25019-4 PUMP BODY BUSHING REMOVER | J 25019-16 DIRECT CLUTCH FRONT LO AND REVERSE CLUTCH, AND REAR CARRIER BUSHING REMOVER |
| J 25019-6 REAR PUMP COVER AND DIRECT CLUTCH REAR BUSHING INSTALLER (200 and 2004R) | J 25019-17 SPECIAL CONTAINER ASSEMBLY PUMP COVER FRONT BUSHING REMOVER (200 and 2004R), OVERRUN CLUTCH HOUSING BUSHING REMOVER (2004R) |
| J 25019-7 REAR CARRIER BUSHING INSTALLER | J 24036 PUMP COVER FRONT BUSHING REMOVER (200 and 2004R), OVERRUN CLUTCH HOUSING BUSHING REMOVER (2004R) |
| J 25019-8 LO & REVERSE CLUTCH BUSHING INSTALLER | |
| J 25019-9 FRONT DIRECT CLUTCH AND FRONT INTERNAL GEAR BUSHING INSTALLER | |



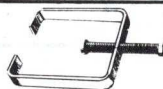
J 25020-02
CONVERTER END PLAY
MEASURING TOOL (200
only)



J 25021
TURBINE SHAFT AND
DIRECT CLUTCH
INSTALLER



J 25022
END PLAY FIXTURE
ADAPTER
(Use with J 24773-A)



J 25024
FORWARD CLUTCH
SPRING COMPRESSOR



J 25025-B
OIL PUMP AND VALVE
BODY ALIGNMENT PIN
AND DIAL INDICATOR
STAND SET
(Use with J 8001 Dial Indicator Set) (Includes J 25025-7A)

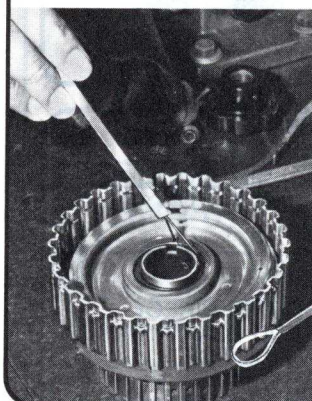


J 25359-2
#27 TORX DRIVE BIT
(Use with J 25359-8)



J 25359-8
#27 TORX DRIVE BIT
HOLDER

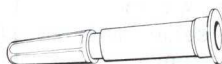
J 26744-A
UNIVERSAL
SEAL
INSTALLER



This wire looped tool aids in installation of all automatic transmission seals where a seal protector is not used. Each end has a different diameter wire loop and the round configuration will not cut the seal.



J 26900-27
FLEXIBLE STEEL SCALE
(0 to 150mm)



J 26959
FORWARD AND DIRECT
CLUTCH REMOVER AND
INSTALLER (200,200c)



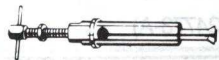
J 28542
REVERSE CLUTCH
HOUSING INSTALLER AND
REMOVER



J 28630
CUP PLUG INSTALLER

AUTOMATIC TRANSMISSION

200/200 4R TURBO HYDRA-MATIC (CONTINUED)



J 29060
CONVERTER END PLAY
MEASURING TOOL
(298mm, diameter converter,
200c, & 200 4R)



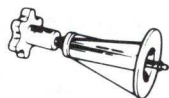
J 29332-A
OUTPUT SHAFT SUPPORT
FIXTURE (200 4R only)

J 29334 FOURTH CLUTCH COMPRESSOR & CENTER SUPPORT REMOVER

In order to remove the center support on the 200 4R THM and access the bottom half of the transmission, J 29334 is required. This tool allows the technician to remove the retaining ring and pull the center support with a slide hammer, such as J 6125-1B.



J 29335
INNER OVERRUN CLUTCH
PISTON SEAL PROTECTOR
(200 4R only)



J 29337
FORWARD AND DIRECT
CLUTCH END PLAY
CHECKING DEVICE,
SHAFT BUSHING
REMOVER (200 4R only)

J 29369 UNIVERSAL BUSHING REMOVER SET



These expandable removers are invaluable for servicing automatic transmissions and other automotive components. The set includes 3 different sized removers which cover a bushing range from 1 to 4 inches. The Removers are used with J 2619-01 slide hammer.

J 29585 200 4R BUSHING

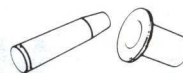
(Use with J 8092)



Consists of:

J 29585-1 FORWARD CLUTCH
SHAFT BUSHING
INSTALLER AND
OVERRUN CLUTCH
BUSHING REMOVER
J 29585-2 DIRECT CLUTCH
AND REAR CENTER
SUPPORT BUSHING
INSTALLER
J 29585-3 PUMP BODY
ASSEMBLY AND
REAR DIRECT
CLUTCH BUSHING
REMOVER

J 29585-4 OVERRUN CLUTCH
BUSHING INSTALLER
J 29585-5 PUMP BODY
ASSEMBLY AND
CARRIER AND RACE
ASSEMBLY
OVERDRIVE
BUSHING INSTALLER
J 29585-6 FRONT CENTER
SUPPORT BUSHING
INSTALLER
J 29585-7 STATOR SHAFT
BUSHING INSTALLER
J 29585-8 SPECIAL STORAGE
CASE



J 29696
TURBINE SHAFT SEAL
INSTALLER (200 4R only)

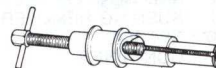
J 29714 SERVO COVER DEPRESSOR



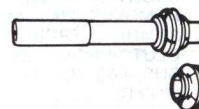
This tool allows you to compress the double spring servo cover on the 200 4R and 200 THM when the transmission is in the car or on a bench. J 29714 allows both hands free to remove the snap ring that retains the cover with tool J 29836.



J 29796
OVERDRIVE UNIT END
PLAY ADAPTER
(200 4R only)



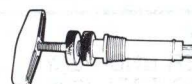
J 29830
CONVERTER END PLAY
MEASURING TOOL
(245mm diameter converter,
200c only)



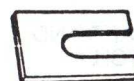
J 34008
LO-REVERSE CLUTCH
UNIT REMOVER AND
INSTALLER (Metal)



J 34188
TRANSMISSION SERIAL
NAME PLATE RIVET
REMOVER



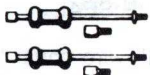
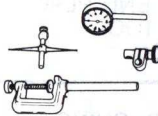






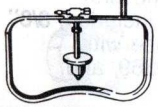






J 35138
UNIVERSAL CONVERTER
END PLAY MEASURING
TOOL (All turbo hydra-matic
torque converters)



J 34725
END PLAY FIXTURE
ADAPTER (Use with
J 24773-A, 200 4R only)

250/350 TURBO HYDRA-MATIC

	J 3289-20 TRANSMISSION HOLDING FIXTURE BASE (Use with J 8763-02 transmission holding fixture)
	J 3387-2 OIL PUMP ALIGNMENT PINS
	J 6125-B SLIDE HAMMERS (Oil pump removers) (2) J 6125-1B included. 3/8"—16 thread, use with J 29369 and J 23129
	J 8001 DIAL INDICATOR SET (Use with J 25025-B stand set) .001 inch graduations
	J 8059 LOW/REVERSE AND FORWARD CLUTCH SNAP RING PLIERS (Parallel opening jaws)
	J 8092 DRIVER HANDLE 3/4"—10 thread
	J 8763-02 TRANSMISSION HOLDING FIXTURE (Use with J 3289-20 Base) (Featured on page 152)
	J 21359 OIL PUMP SEAL INSTALLER
	J 21366 CONVERTER HOLDING STRAP
	J 21368 OIL PUMP BODY AND COVER ALIGNMENT BAND
	J 21369-D CONVERTER LEAK TEST FIXTURE
	J 21371 CONVERTER END PLAY MEASURING TOOL (350 only)

	J 21426 REAR OIL SEAL INSTALLER
	J 21867 UNIVERSAL PRESSURE GAUGE (0-300 PSI with 9 foot hose)
	J 22269-01 INTERMEDIATE SERVO PISTON AND DIRECT CLUTCH 2-3 ACCUMULATOR PISTON COMPRESSOR (Use with J 24675 Adapter)

J 22976 GOVERNOR BORE BUSHING SERVICE TOOL SET



This tool was developed in order to salvage a transmission case with worn governor bore on 250, 350, 375, 400, and 425 THM vehicles. The aid of an alignment fixture and an alignment arbor enables exact location during the reaming operation. The alignment arbor is then used as a driver to properly install a bushing into the bore.

J 23062-01 BUSHING SERVICE SET


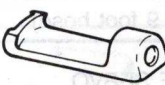
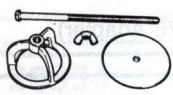



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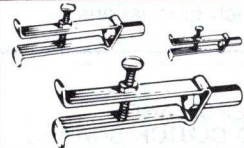

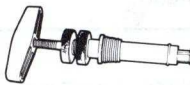


J 23062-2	TRANS. OIL PUMP COVER BUSH. INST.
J 23062-5	TRANS. OUTPUT RING GEAR BUSH. INST.
J 23062-6	SPECIAL CONTAINER ASS'Y
J 23062-8	TRANS. CASE BUSHING REMOVER
J 23062-10	DIRECT CLUTCH BUSHING REMOVER
J 9534-01	DISTRIBUTOR SHAFT PILOT BRG. REMOVER
J 21465-13	HANDLE EXTENSION
J 21465-15	SUN GEAR & STATOR SHAFT BUSH. REMOVER
J 21465-17	TRANS. PUMP BUSHING REMOVER & INSTALLER
J 23062-14	STATOR SHAFT & EXTENSION BUSHING INST.
J 23062-15	TRANS. CASE & DIRECT CLUTCH BUSHING INST.
J 23062-16	TRANS. SUN GEAR & REACTION CARRIER BUSH. INST. & REM.

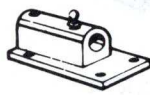
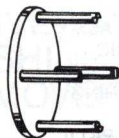


AUTOMATIC TRANSMISSION




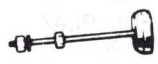
250/350 TURBO HYDRA-MATIC (CONTINUED)

	J 23069 INTERMEDIATE CLUTCH 1-2 ACCUMULATOR PISTON COMPRESSOR (Servo Cover)
	J 23129 CONVERTER HOUSING SEAL REMOVER (Use with J 6125-1B)
	J 23327 FORWARD AND LOW REVERSE CLUTCH PISTON SPRING COMPRESSOR (Includes J 23327-1, 4-3/8" O.D. forward clutch direct clutch piston spring compressor adapter)
	J 24367 INTERMEDIATE BAND ADJUSTMENT TOOL (250 only)
	J 24466 MODULATOR CHECKING TOOL
	J 24675 DIRECT CLUTCH 2-3 ACCUMULATOR PISTON COMPRESSOR ADAPTER (Use with J 22269-01 compressor)

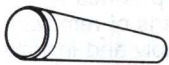
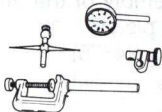










	J 25025-B OIL PUMP AND VALVE BODY ALIGNMENT PIN AND DIAL INDICATOR STAND SET (Use with J 8001 dial indicator set) (Includes J 25025-7A)
	J 26507 LOW/REVERSE CLUTCH SUPPORT REMOVER
	J 26744-A UNIVERSAL LIP SEAL INSTALLER .015" and .031" wire ends
	J 29060 CONVERTER END PLAY MEASURING TOOL (250c and 350c)
	J 29369 UNIVERSAL BUSHING REMOVERS (Set of 3 sizes) (Use with J 6125-1B slide hammer) (Featured on page 154)
	J 34188 SERIAL NUMBER PLATE RIVET REMOVER (Featured on page 147)
	J 35138 UNIVERSAL CONVERTER END PLAY MEASURING TOOL (All turbo hydra-matic torque converters)




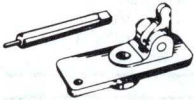





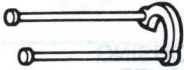

375/400/425 TURBO HYDRA-MATIC

	J 3289-20 TRANSMISSION HOLDING FIXTURE BASE (Use with J 8763-02 Holding fixture)
	J 4670-01 FORWARD CLUTCH SPRING COMPRESSOR (Use with J 21664 adapters)
	J 5403 PRESSURE REGULATOR VALVE SNAP RING PLIERS (Internal type - .038" Tip)
	J 5586-A CLUTCH ASSEMBLY SNAP RING PLIERS

	J 5590 SPEEDOMETER GEAR INSTALLER
	J 6116-01 REAR GEAR ASSEMBLY HOLDING FIXTURE
	J 6125-B SLIDE HAMMERS (Oil pump removers) (2) J 6125-1B included, 3/8" - 16 thread, use with J 23129, J 29369, and J 21795-02.
	J 6129 DIRECT CLUTCH SPRING COMPRESSOR (Use with J 21664 adapter)

375/400/425 TURBO HYDRA-MATIC

	J 6133-01 REAR OIL PUMP BEARING AND SPEEDOMETER GEAR INSTALLER
	J 8001 DIAL INDICATOR SET
	J 8059 CLUTCH ASSEMBLY SNAP RING PLIERS (Parallel opening jaws)
	J 8092 DRIVER HANDLE 3/4"—10 thread
	J 8433 SPEEDOMETER GEAR PULLER (Use with J 21427-10)
	J 8763-02 TRANSMISSION HOLDING FIXTURE (Use with J 3289-20 Base) (Featured on page 152)
	J 21359 EXTENSION HOUSING AND OIL PUMP SEAL INSTALLER
	J 21360 CHECK VALVE SEAT INSTALLER
	J 21361 CHECK VALVE SEAT REMOVER (Use with J 6125-1B)
	J 21362 FORWARD AND DIRECT CLUTCH INNER SEAL PROTECTOR
	J 21363 INTERMEDIATE CLUTCH INNER SEAL PROTECTOR
	J 21364-A REAR GEAR ASSEMBLY HOLDING FIXTURE ADAPTER (Use with J 6116-01 fixture)

	J 21366 CONVERTER HOLDING STRAP
	J 21367 REAR SPRAG INSTALLER Cadillac, Pontiac
	J 21369-D CONVERTER LEAK TEST FIXTURE
	J 21370 BAND APPLY PIN GAUGE Includes: J 21370-4 Gauge Pin (Cadillac only) J 21370-6 Gauge Assembly (Use with J 21370-5, -7, -8)
	J 21370-5 REAR SERVO GAUGE PIN (Use with J 21370-6)
	J 21370-7 GAUGE PIN Tornado and Eldorado (Use with J 21370-6 and J 21370-8)
	J 21370-8 GAUGE SELECTOR PLATE Tornado and Eldorado only (Use with J 21370-6 and J 21370-7)
	J 21371 CONVERTER END PLAY MEASURING TOOL (Use with J 8001)
	J 21409 FORWARD AND DIRECT CLUTCH OUTER SEAL PROTECTOR
	J 21427-01 SPEEDOMETER GEAR PULLER ADAPTER (Use with J 8433)
	J 21464 EXTENSION HOUSING OIL SEAL INSTALLER 1965 - 71

AUTOMATIC TRANSMISSION

375/400/425 TURBO HYDRA-MATIC (CONTINUED)

J 21465-01 400 THM BUSHING SERVICE SET

(Use with J 8092 and
J 2619-01)

Consists of:

- J 21465-1 OUTPUT SHAFT
BUSHING
INSTALLER
PUMP COVER
BUSHING
INSTALLER
J 21465-3 PUMP COVER
BUSHING
INSTALLER
J 21465-5 SUN GEAR SHAFT
BUSHING
INSTALLER

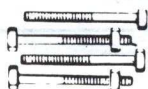
- J 21465-6 CENTER SUPPORT
BUSHING
REMOVER AND
INSTALLER
J 21465-8 TRANS. CASE
BUSHING
REMOVER
J 21465-9 TRANS. CASE
BUSHING
INSTALLER
ADAPTER
J 21465-10 TRANS. CASE
BUSHING STAKING
TOOL
J 21465-13 HANDLE
EXTENSION
J 21465-15 SUN GEAR AND
STATOR SHAFT
BUSHING
REMOVER
J 21465-16 OUTPUT SHAFT
BUSHING
REMOVER
J 21465-25 SPECIAL
CONTAINER
ASSEMBLY

J 22269-01 ACCUMULATOR PISTON REMOVER

This tool provides an
easy means of removal,
disassembly and installa-
tion of the servos.
J 22269-01 also is used
for disassembly of the ac-
cumulator piston.
(Use with J 24675)



J 21477
OIL COOLER PIPE
WRENCH
Cadillac, Pontiac



J 21661
REAR GEAR ASSEMBLY
END PLAY MEASURING
AND SPEEDOMETER
DRIVE GEAR REMOVAL
BOLTS



J 21664
FORWARD CLUTCH
COMPRESSOR
ADAPTER (Use with
J 4670-01 Compressor)



J 21795-02
REAR GEAR ASSEMBLY
REMOVER AND
INSTALLER (Use with
J 6125-1B and J 21795-4)



J 21795-4
THUMB SCREW
Cadillac only
(Use with J 21795-02
and J 6125-1B)



J 21867
UNIVERSAL OIL
PRESSURE GAUGE
(0-300 PSI with 9 foot
hose)



J 22182
EXTENSION HOUSING
BUSHING REMOVER
AND INSTALLER
Chevrolet



J 22241
FORWARD CLUTCH END
PLAY MEASURING TOOL
(Tornado, Eldorado only)



J 22716
BOOT CLAMP TIGHTENING
WRENCH (425 Only)



J 22976
GOVERNOR BORE
BUSHING SERVICE TOOL
SET



J 23093
CENTER SUPPORT
LOCATING TOOL



J 23129
CONVERTER HOUSING
SEAL REMOVER
(Use with J 6125-1B)



J 23738-A
MODULATOR VACUUM
LEAK TESTER (Hand
operated vacuum pump)



J 24396
INTERMEDIATE CLUTCH
PACK ALIGNMENT TOOL



J 24466
MODULATOR CHECKING
TOOL



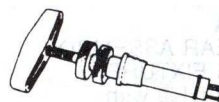
J 24675
ACCUMULATOR PISTON
ADAPTER
(Use with J 22269-01)



J 24684
PRESSURE REGULATOR
VALVE REMOVER AND
INSTALLER



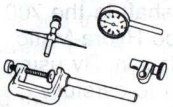
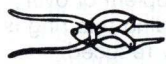




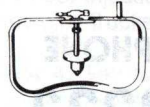





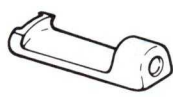
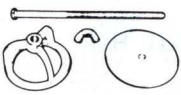
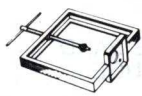





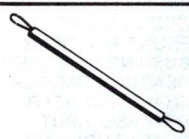
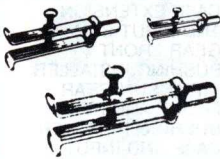


J 34188
TRANSMISSION SERIAL
NUMBER PLATE RIVET
REMOVER



J 35138
UNIVERSAL
CONVERTER END PLAY
MEASURING TOOL
All turbo hydra-matic
torque converters




700 R4 TURBO HYDRA-MATIC

	J 3289-20 TRANSMISSION HOLDING FIXTURE BASE (Use with J 8763-02 transmission holding fixture)
	J 6125-1B SLIDE HAMMER (3/8" - 16 thread, use with J 23129 and J 29369)
	J 8001 DIAL INDICATOR SET .001 inch graduations, .200" travel
	J 8059 REVERSE INPUT RETAINER RING PLIERS Parallel opening jaws
	J 8092 DRIVER HANDLE 3/4"—10 thread
	J 8763-02 TRANSMISSION HOLDING FIXTURE (Use with J 3289-20 Base)
	J 21366 CONVERTER HOLDING STRAP
	J 21368 OIL PUMP BODY AND COVER ALIGNMENT BAND
	J 21369-D CONVERTER LEAK TEST FIXTURE
	J 21426 OUTPUT SHAFT SLEEVE AND CASE EXTENSION OIL SEAL INSTALLER
	J 21867 UNIVERSAL PRESSURE GAUGE (0-300 P.S.I. with 9 foot hose)
	J 22269-01 SERVO PISTON COMPRESSOR

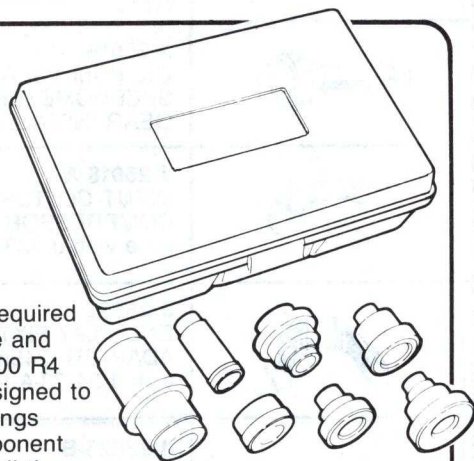
	J 23129 CONVERTER HOUSING SEAL REMOVER (Use with J 6125-1B)
	J 23327 LOW AND REVERSE CLUTCH SPRING COMPRESSOR (Use with J 25018-A)
	J 23456 CLUTCH SPRING COMPRESSOR PRESS
	J 24773-A OIL PUMP REMOVER AND END PLAY FIXTURE (Use with J 25022 adapter and J 34725 adapter)
	J 25016 OIL PUMP SEAL AND SPEEDOMETER DRIVE GEAR INSTALLER
	J 25018-A INPUT CLUTCH SPRING COMPRESSOR ADAPTER (Use with J 23327)
	J 25022 END PLAY FIXTURE ADAPTER (245mm) (Use with J 24773-A fixture)
	J 25025-B OIL PUMP AND VALVE BODY ALIGNMENT PIN AND DIAL INDICATOR STAND SET (Use with J 8001 dial indicator set) (Includes J 25025-7A)
	J 26744-A UNIVERSAL SEAL INSTALLER (.015" and .031" wire ends)
	J 29369 UNIVERSAL BUSHING REMOVERS (Set of 3 sizes, use with J 6125-1B slide hammer) (Featured on page 154)
	J 29714 SERVO COVER DEPRESSOR
	J 29837 OUTPUT SHAFT SUPPORT FIXTURE

AUTOMATIC TRANSMISSION

700 R4 TURBO HYDRA-MATIC (CONTINUED)

	J 29882 OVERRUN CLUTCH INNER SEAL PROTECTOR
	J 29883 FORWARD CLUTCH INNER SEAL PROTECTOR
	J 33037 INTERMEDIATE BAND APPLY PIN GAUGE
	J 34188 TRANSMISSION SERIAL NUMBER PLATE RIVET REMOVER

J 34196 700 R4 BUSHING SERVICE SET



These tools are required for proper service and overhaul of the 700 R4 THM and are designed to remove the bushings without any component damage and install the bushings to the correct depths in their bores.

Complete instructions are included with the set. Several previously released tools which are not included with J 34196 are also required to completely service the bushings in the 700 R4. Their part numbers are: J 6125-1B, J 8092, J 23062-14, J 23907, J 24036, J 25019-4, J 25019-9, J 25019-12, J 25019-14, J 25019-16, J 29369-1 and J 29369-2. Refer to the appropriate General Motors service manual for their specific descriptions and applications.

Consists of:

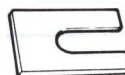
- J 34196-1** REACTION SUN GEAR BUSHING REMOVER AND INSTALLER
- J 34196-2** STATOR SHAFT FRONT AND REAR BUSHING INSTALLER
- J 34196-3** REACTION CARRIER SHAFT AND REAR REVERSE INPUT CLUTCH HOUSING BUSHING INSTALLER
- J 34196-4** CASE EXTENSION AND INPUT SUN GEAR FRONT BUSHING INSTALLER
- J 34196-5** INPUT SUN GEAR FRONT AND REAR BUSHING REMOVER
- J 34196-6** CASE AND INPUT SUN GEAR REAR BUSHING INSTALLER
- J 34196-7** SPECIAL STORAGE CASE
- J 34196-10** CASE BUSHING INSTALLER

(Use with J 8092)

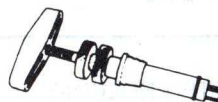
J 34627 SNAP RING REMOVER AND INSTALLER



These snap ring pliers have specially modified tips bent at 90 degrees which are small enough to fit into a snap ring groove. This greatly simplifies removal and installation of snap rings that are located in tight clearance areas. J 34627 was originally developed for the snap ring on the output shaft in the 700 R4 Turbo Hydra-Matic transmission. By using this tool to carefully expand and install the output shaft snap ring, the problem of over expanding this ring is greatly reduced.



J 34725
END PLAY FIXTURE
ADAPTER (298mm) (Use
with J 24773-A)



J 35138
UNIVERSAL
CONVERTER END PLAY
MEASURING TOOL
(All turbo hydra-matic
torque converters)

ORDER TODAY BY PHONE

1-800-345-2233

Michigan residents call (313) 774-9500



Hours: Mon-Fri.
8:00 am — 8:00 pm
E.S.T.

GENERAL

J 34775 MINI-SCANNER

Mini-Scanner Puts 3C diagnosis in the palm of your hand

MPSI's Mini-Scanner is a compact, hand-held tool that instantly gives you access to information about the operation of 32 major functions on the following GM systems from 1980½ through 1985:

- Full Function
- Olds Minimum Function
- Electronic Fuel Injection
- Port Fuel Injection
- T-Car Minimum Function
- Chevrolet Light Trucks

One tool you'll never be without

A rugged tool that's small enough to carry with you all the time, each Mini-Scanner comes complete with ALCL connectors and leads, power cord, and a comprehensive instruction manual. It's powered by the vehicle itself, so you can find those hard to locate transient problems while you're road testing.

AIR Test Switch

Mini-Scanner is equipped with a switch to activate the air switch solenoid and deliver fresh air to the exhaust ports. You can then check system performance by watching the decrease in either Oxygen Sensor Voltage, or Mixture Control Solenoid Dwell.



J 34775-10 MINI-SCANNER CARRYING CASE

Tough plastic case protects Mini-Scanner when not in use, and provides pockets in lid for instruction manual and cord storage.

J 35255 MULTI-SCANNER

The most comprehensive 3C diagnostic tool you can own

Multi-Scanner gives you the ability to monitor and diagnose every major electronic system on virtually every 3C equipped vehicle ever built by GM. It's the only tool you need to troubleshoot all of these GM systems for 1980½ through 1985 model years:

- Full Function
- Olds Minimum Function
- Port Fuel Injection
- Chevrolet Trucks
- Electronic Fuel Injection
- T-Car Minimum Function
- Isuzu Trucks

Monitor 47 key functions even while you're driving

Completely self-contained in an impact-resistant plastic carrying case, the Multi-Scanner comes complete with the leads, ALCL connectors, power cord, and instruction manual you need to evaluate 47 key operating parameters on these vehicles. And because Multi-Scanner is powered by the vehicle itself, you can even use it while driving to diagnose hard to find transient problems.

All of the data is instantly available on the Multi-Scanner's high visibility, 8-digit LED display:

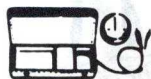
Pushbutton AIR Check

Multi-Scanner is equipped with a special pushbutton that activates the vehicle's air switch solenoid, routing fresh air from the pump into the exhaust ports. You can easily monitor system performance by watching Oxygen Sensor Voltage, or Mixture Control Solenoid Dwell values decrease.



CHASSIS ELECTRICAL

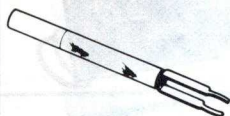
GENERAL DIAGNOSTIC, WIRING HARNESS, ACCESSORIES



J 8681
UNIVERSAL SHORT
CHECKER



J 21008-A
SELF POWERED
TEST LIGHT



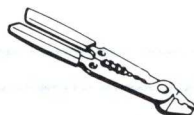
J 22727
ELECTRICAL TERMINAL
REMOVER



J 23724-A
CASSETTE TAPE PLAYER
TEST TAPE



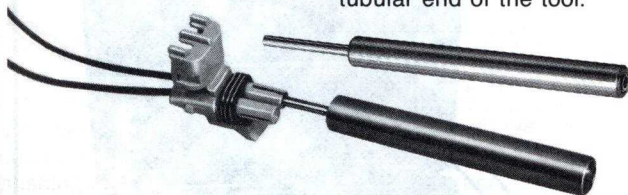
J 25079-B & J 25079-30
WINDSHIELD WIPER
SYSTEM TESTER &
ADAPTER
(Featured on page 166)



J 25563
WIRE CUTTER, STRIPPER
& CRIMPER

J 28742-A WEATHER-PACK II TERMINAL REMOVER

This tool is designed to allow easy removal of the Weather Pack II terminals. Included is a protective cap for the precision thin wall tubular end of the tool.



J 33095 TERMINAL REMOVER MICRO-PACK COM-PACK III AND ECM EDGE BOARD CONNECTORS

General Motors Vehicles with Electronic engine controls incorporate Micro-Pack, Com-Pack III and ECM Edge Board Connectors on the wiring harnesses. J 33095 is designed to allow easy removal of the terminals when servicing these connectors.



J 34029-A DIGITAL MULTIMETER



The J 34029-A is designed for years of dependable service under the most rugged shop conditions. The single rotary dial incorporates a patented design eliminating friction wear which reduces the life of typical wafer type switches. Other superior design features include extra overload protection, 100% factory testing of all ranges and functions, a specially designed case which seals out contaminants encountered in the field.

Features:

- In Circuit Diode Test • 0.50% Basic DCV Accuracy • Easy To Read LCD 0.5" High Digits • 2000 Hour Battery Life - Standard 9 Volt • Audible Continuity Buzzer • 22 Mega Ohm Input Impedance • In Circuit Measurements • Spare Fuse • Test Leads With Alligator Clips • Patented Long Life Rotary Dial • Built-In Multiposition Tilt Bail • Plastic Storage/Carrying Case • Complete Instructions

ACCESSORIES FOR J 34029-A

J 34029-15

EZ MINI-HOOK TEST LEAD SET

Contains a red and black 36" long spring-loaded hook end which can be used to fit over up to .059 diameter components when continuous hook up is required.

J 34029-248

DELUXE TEST LEAD KIT

Includes safety designed test leads with push-on probes plus banana plug extensions insulated alligator clips, extension probe tips, medium size hook type prods, large size hook type prods all in a rugged cordura nylon pouch with velcro closures.

J 34898

HIGH CURRENT SHUNT

J 34898 is an inexpensive calibrated resistance wire which is connected in series with the electrical accessory to be tested and plugged into the J 34029-A Multimeter. The multimeter range switch is set on the 200 MV DC scale. This will provide a direct readout of the accessory current draw in .1 amp increments. From 0 to 99 amps.

J 35590

CURRENT CLAMP (See Feature)

SERVICE PARTS FOR J 34029-A

J 34029-13

Replacement Test Lead Set Consists of:
(Available Separately)

J 34029-14 (2) Alligator Clips

J 34029-18 (2) Probe Tips

J 34029-19 (2) Test Lead Wires

J 34029-20 (2) Banana Plug Extensions

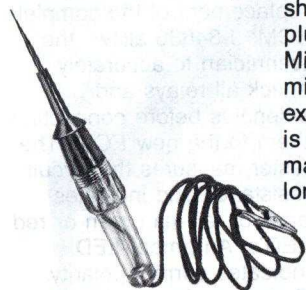
J 34029-21 (1) Storage Pouch

J 34029-2 Molded Storage Case

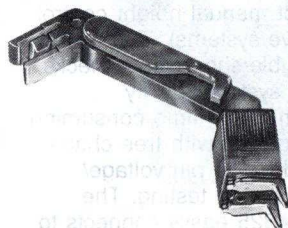
J 34029-7 Instruction Manual

J 34029-12 Special 2 Amp Fuse (Package of 4)

GENERAL DIAGNOSTIC, WIRING HARNESS, ACCESSORIES (CON'T.)

**J 34142-A
UNPOWERED
TEST LIGHT
(MICRO-PACK
COMPATIBLE)**

A test light such as J 34142-A is required to perform many of the diagnostic procedures on General Motors electronic control systems. J 34142-A has a unique specially shaped probe tip which will plug directly into female Micro-Pack connectors minimizing danger of over expansion. This durable unit is built of high strength material and includes a 48" long lead.

**J 34764
AUTO FUSE
TESTER &
REMOVER/
INSTALLER**

This handy tool tests, removes, and installs both blade and glass type automotive fuses. It features adjustable contacts and a red light which glows upon contact with a bad fuse. This slender hand tool makes it easy for the technician check and service fuses within the tight confines of the fuse block area.

**J 35500
DIGITAL
MULTIMETER**

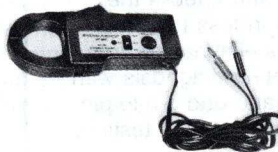
This attractively priced digital multimeter provides the accuracy and features of more expensive meters plus the convenience of autoranging. Simply set the rotary switch to Volts or Resistance and the J 35500 automatically sets the required range.

Features:

- Autoranging
- 0.50% Basic DCV Accuracy
- 10 Amp AC/DC Capability
- Audible Continuity Beeper
- 10 Mega Ohm Input Impedance
- Low Power Ohm Range For In Circuit Measurements
- Test Leads With Alligator Clips
- Includes Molded Plastic Storage/Carrying Case
- Complete Instructions

Service Parts

- J 35500-20** Test Leads and Alligator Clips
J 35500-25 .5 Amp Fuse (Package of 4)

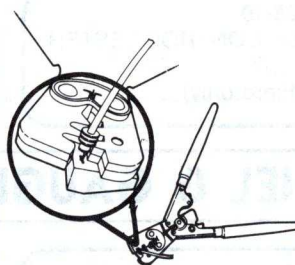
**J 35590
CURRENT
CLAMP
(0-600 AMPS)**

J 35590 is used with a digital multimeter (such as J 34029-A or J 35500) to precisely measure DC current flow (AMPS) in 0.1 AMP increments without breaking into the circuit

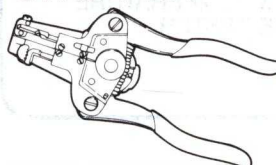
or affecting the operation of the circuit. During operation the inductive pick-up type jaws of the J 35590 are simply clamped around the vehicle battery cable or a wire leading to the accessory to be tested. A readout of the current draw will be indicated on the multimeter digital display. J 35590 is especially helpful in identifying problems with low power accessories because it will measure 0 to 200 AMPS in 0.1 AMP increments.

**J 35603
TERMINAL
CRIMPING
TOOL**

This quality crimping tool is designed to crimp many Packard terminals and the new wire splices which are being supplied with some General Motors service connector kits. Its compound leverage design provides a smooth crimping action with a minimum amount of effort.

**J 35606
WEATHER-PACK
TERMINAL
CRIMPER**

J 35606 simultaneously crimps the wire to terminal and terminal to Weather-Pack Boot quickly and easily. Wire, terminal, and boot are held in alignment by the guide block ensuring accurate and weather-tight crimps. Tool incorporates a self-releasing ratchet for consistent application pressure. Maintains integrity of the Weather-Pack design and function.

**J 35615
AUTOMATIC
WIRE
STRIPPER**

J 35615 strips 8 to 22 gauge solid or stranded wire quickly, without crushing, nicking, or damaging the wire. Simply squeeze the handles to strip and remove the insulation.

CHASSIS ELECTRICAL

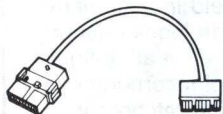
ELECTRONIC CONTROLS

J 34185 CRUISE CONTROL TESTER



The J 34185 is a valuable test unit for technicians who want to quickly diagnose the electronic cruise control system. The tester trouble-shoots and checks the system in less than four minutes eliminating time consuming diagnosis with tree charts and pin-to-pin voltage/resistance testing.

The tester easily connects in the Cruise Control system's wiring harness to test and verify all switches, sensors, wiring and function modes for proper operation. Individual LED's will detect any faulty components. J 34185 has been approved by A/C Spark Plug Division, General Motors Corporation—the designer and manufacturers of the Cruise Control System. Complete instructions are provided.



J 34185-10
CRUISE CONTROL TESTER
ADAPTER
(1984 Fiero only)

J 34636 SOLENOID, RELAY & CIRCUIT TESTER



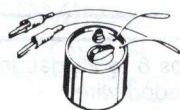
Testing of ECM controlled relays and solenoids is very important. A short circuit across any one relay or solenoid, causing low or no resistance, will permanently damage the ECM quad driver circuitry and require replacement of the complete ECM. J 34636 allows the technician to accurately check all relays and solenoids before connecting them to the new ECM. The tester measures the circuit resistance and indicates pass or fail via green or red LED's. An amber LED indicates current polarity. Tester can be used as a non-powered continuity checker.

J 34825 ELECTRONIC LEVEL CONTROL TESTER



The J 34825 is a valuable test unit for technicians who want to quickly diagnose the electronic level control system on 1978—current General Motors vehicles (except manual height control valve systems). The tester trouble-shoots and checks the system quickly eliminating time consuming diagnosis with tree charts and pin to pin voltage/resistance testing. The J 34825 easily connects to the system at the height sensor. The four LED's and three switches on the tester face panel allow the system to be manually cycled and monitored. A bench test of the height sensor can also be performed with the included 12 volt battery leads. Instructions are attached to the tester.

INSTRUMENT PANEL & GAUGES



J 24156
FUEL GAUGE TESTER



J 24538-A
FUEL & TEMPERATURE
GAUGE TESTER



J 33885
INSTRUMENT PANEL BULB
REMOVER & INSTALLER
(Quartz halogen bulbs)

INSTRUMENT PANEL & GAUGES (CONTINUED)

J 33431-B

SIGNAL GENERATOR & INSTRUMENT PANEL TESTER

The J 33431-B Signal Generator and Instrument Panel Tester has application to all General Motors vehicles with electronic instrument panels or Custom Cruise III Systems. Generates 30hz and 60hz signals to check accuracy and function of speedometer, tachometer, and all fuel economy displays. Variable resistance connectors will substitute sending units to check gauge or display.

- Oil Pressure
- Oil Temperature
- Coolant Temperature
- Fuel Level

Speedometer signal input can be used to diagnose all functions of the electronic cruise control systems.

Harnesses Included

- J 33431-4 PM Generator Speed Signal Harness
- J 33431-7 Buffer Amplifier Harness Connector (Green)

Accessory Harnesses

- J 33431-3 Odometer Motor Test Harness
- J 33431-8 Buffer Amplifier Harness Connector (Yellow)
- J 33431-9 Speedometer Edgeboard Connector ("C" Car Quartz)
- J 33431-10 Universal Signal Connector
- J 33431-30 Instrument Panel Tester Control Harness (Camaro Berlinetta)

This control harness will plug into the electronic instrument cluster on the Camaro Berlinetta. Frequency and resistance signals can be input to the cluster for complete diagnosis of:

- Speedometer
- Tachometer
- Turn Signals
- Oil Pressure
- Fuel Level
- Coolant Temperature

Instructions are included



Organization is a key to Profits! See our organization aids featured on pages 4 & 5.

WIPER SYSTEM

ELECTRICAL



J 25079-B WINDSHIELD WIPER SYSTEMS TESTER

This easy to use windshield wiper tester has been developed to simplify and pinpoint exact problem locations on GM Wiper Systems. Tests all 1965-83 systems except J- Car & 1984 to current B, D, E, K, T & X-Cars.

- Permanent magnet motor application.
- Has both on-car and off-car test capabilities.
- Quickly and accurately pinpoints the problem.
- Lightweight, compact, and completely portable.
- Highly reliable and easy to use.
- Connectors cannot be hooked up incorrectly, eliminates errors.

With all these features, the Kent-Moore Windshield Wiper Systems Tester provides the mechanic with an instrument which he can quickly, safely, and without error, isolate defective components in GM Windshield Wiper Systems. The Kent-Moore Windshield Wiper Systems Tester is capable of determining which of the many components involved is at fault.

1. In Dash Switch Assembly or Wiring
2. Motor
3. Gearbox Relay
4. Washer Relay
5. Pulse Relay
6. Timing Circuit
7. Wiper Mechanicals



J 25079-30 WINDSHIELD WIPER TESTER ADAPTER

This adapter harness will update your J 25079, J 25079-A, or J 25079-B Tester to the 1982 & 83 "J" car permanent magnet positive park wiper motors. A new diagnostic chart for this motor is included with J 25079-30.



J 8966 WINDSHIELD WIPER ARM REMOVER & INSTALLER




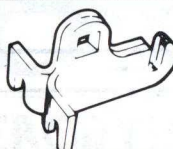
This tool grips the wiper arm to retain the spring for ease of installation or removal of the assembly.



Windshield Wiper
Arm Remover
Tool No. J-8966



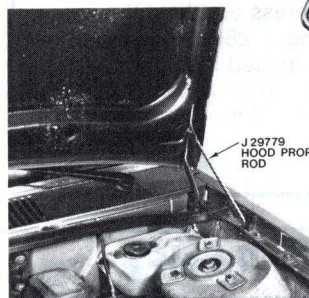
TAILGATE & HOOD

	J 21104-B UNIVERSAL WEATHERSTRIP REMOVER
	J 21412-02 REAR DECK LID TORSION BAR ADJUSTER 1971 Thru 77 A, B, C & G Cars 1982 to current J-Cars
	J 29144 GAS CYLINDER CLIP REMOVER
	J 34194 DECK LID TORSION BAR ADJUSTER 1985 C-Car






J 29058-A X-CAR HOOD PROP ROD

These tools are used to support the hood in a near vertical position allowing easy access to the engine compartment. The Hood Prop Rods mount between the hood & fender.

J 29779 J-CAR HOOD PROP ROD



DOOR-HINGE WRENCHES

	J 21550-A DOOR HINGE WRENCH (1/2") 1964-72
	J 22585-01 DOOR HINGE WRENCH (9/16") Chev & GMC Truck 1968 to current
	J 22729 DOOR HINGE WRENCH (9/16") B, C & E Cars 1967-70
	J 24353 DOOR HINGE WRENCH (1/2") A, G, E & F Cars 1968-77 B & C Cars 1968-76
	J 26614 DOOR HINGE WRENCH (13mm) B, C & E Car 1977

J 28500 DOOR HINGE WRENCH (11mm)

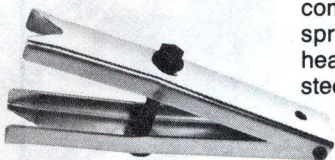
This 11mm double-ended 12 point wrench has the required configuration to easily rotate the door hinge retaining bolts on all 1978 to Current passenger cars utilizing 11mm Hinge Bolts.



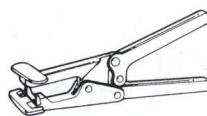
DOOR-HINGE PIN REMOVERS

	J 21688-01 DOOR HINGE PIN REMOVER Opel Kadett 1963-1975 All T Car
	J 23568 DOOR HINGE PIN REMOVER H Car - all (Use with J 8092)

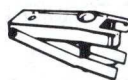
USE KENT-MOORE TOOLS...
When ordinary tools won't do.

DOOR-HINGE SPRING COMPRESSORS**J 28625-A
DOOR HINGE
SPRING
COMPRESSOR**

The J 28625-A Spring Compressor allows safe and simple removal and installation of Door Hinge Springs on late model GM cars and trucks. Simply insert the blades of the tool between the spring coils and turn the barrel nut to compress and hold the spring. J 28625-A is made of heat-treated high-carbon steel.



J 23497
DOOR HINGE SPRING
COMPRESSOR
X Car 1971 to 1979



J 28625-A
DOOR HINGE SPRING
COMPRESSOR
All 1980 to current except
J Car



J 29849
DOOR HINGE SPRING
COMPRESSOR
J Car 1982 to current

DOOR-INTERIOR PANEL

J 6335
TRIM PAD CLIP REMOVER
(Metal clip)



J 23554
INVERTED NUT DRIVER
(Small) 1971 to current

**J 9886-01
DOOR HANDLE
CLIP REMOVER**

Door handles can be easily removed without damaging the upholstery or losing the spring clips when using the J 9886-01 Door Handle Clip Remover. The spring clip is retained in the door handle eliminating the danger of flying springs and allowing for easy reinstallation of the handle.

**J 24595-B
DOOR TRIM PAD
AND GARNISH
CLIP REMOVER**

A special nylon retaining clip is used to retain the trim pad that must be properly engaged during trim pad removal, otherwise damage to the trim pad may result. Additionally, J 24595-B may be used to remove the rear glass garnish molding clip.



J 28626-A
INVERTED NUT DRIVER
(Large) 1978 to current

DOOR-GENERAL

J 23457-A
DOOR LOCK STRIKER AND
SEAT BELT WRENCH
(#50 Torx) 1971 - current

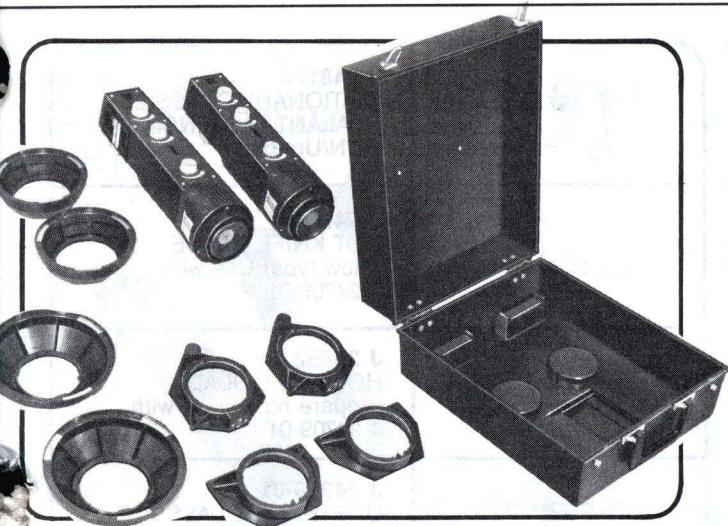


J 21104-B
WEATHER STRIP
REMOVER All GM



J 22055
DOOR AND QUARTER
WINDOW ROLLER NUT
SOCKET
All 1965 - current

HEADLIGHT



J 25300-A HEADLIGHT AIMER

Many late model automobiles have RECTANGULAR HEADLAMPS. Proper mechanical aiming of these lamps can be easily accomplished with the J 25300-A. This aimer is also designed for all sealed beam lamps, both RECTANGULAR (2 or 4 lamp) and ROUND. (See J 25300-202 & -203 for Aerodynamic Headlamps)

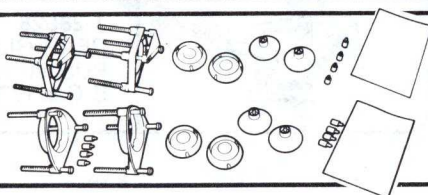
The RECTANGULAR aimer represents a design that features:

1. PUSH BUTTON VACUUM RELEASE—For quick and easy removal of the aimer without disturbing adjustment.
2. OPTICAL CONTRAST BUBBLE—Improves the bubble visibility at low light levels.
3. GRAVITY CAM FOLLOWERS—Completely eliminates backlash and gives more accurate dial readings.
4. PLANETARY GEARS—Gives four to one vernier type dial movement for accurate checking of headlight aim.
5. OFFSET DIAL—Eliminates the need for a screw-driver in floor slope compensation.

AERODYNAMIC HEADLAMP ADAPTERS

J 25300-203
Small Adapter Kit

J 25300-202
Large Adapter Kit



These adapter kits are used with the J 25300-A, Headlight Aimer, to allow inspection and adjustment of the new aerodynamic headlights. The J 25300-202, Large Adapter Kit, has the large aiming pad pattern and J 25300-203 has the small pad pattern. Both kits include one set of adapters and vacuum cup extenders for use with the J 25300-A, Headlight Aimer.

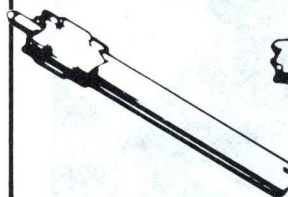
BODY PANELS

J 34940 HEAVY DUTY RIVET GUN



The Heavy Duty Rivet Gun will install all blind fasteners used on the Fiero. This includes the plastic expansion, aluminum monobolt, aluminum/steel split rivets, and steel pop rivet fasteners. J 34940 can also be used for the retention of door hardware such as the window regulator door lock motor, etc., on other vehicles.

J 8943-01 SPOT WELD CUTTING TOOL



This double-ended 5/8" diameter cutter can easily remove spot welds on all body panels. (Includes three extra blades)



J 8967
REPLACEMENT BLADES FOR
J 8943-01 (Set of six)

ROOF & TOP



J 2772-C
HEADLINER INSTALLER
All GM



J 24416-A
SIDE GARNISH MOLDING
REMOVER
All GM



J 25070
HEAT GUN (500° to 750°F)
Universal



J 28652
SUN ROOF ADJUSTING
TOOL
All

J 34887 ROOF PANEL ADJUSTING WRENCH

(1984 to Current
Corvette)



When a new Roof Panel is installed on the Corvette, the locating pins on the panels must be lined up with the windshield mounting holes before tightening. This wrench will fit between the panel and windshield mount to tighten the locating pins in the correct position. (Instructions included)

GLASS-SEALANT



J 21549-1
HANDLE
(Use with J 21549-4)



J 21549-4
THIOKOL ADHESIVE
CUTTING KNIFE
(Use with J 21549-1)



J 24402-A
GLASS SEALANT
REMOVER
(Cold knife) (Replacement
teflon blade J 24402-5)

J 24709-01
URETHANE
GLASS SEALANT
REMOVER



The J 24709-01 incorporates a knife blade tip which is designed to reach an operating temperature of 700°F. This high operating temperature permits the technician to pull the hot knife through urethane adhesive with a minimum of effort. The J 24709-01 can also be used on butyl and Thiokol adhesive. (J 24709-4 Three Replacement Blades)



J 24811-A
STATIONARY GLASS
SEALANT DISPENSING
GUN/Urethane



J 24851
HOT KNIFE BLADE
(Plow type) Use with
J 24709-01



J 24852
HOT KNIFE BLADE
(Square nose) Use with
J 24709-01



J 24899-01
URETHANE GLASS
SEALANT REMOVER
Same as J 24709-01
except 220 volt 50 cycle



J 28628
REAR GLASS ADHESIVE
PUSH/PULL KNIFE
E Car 1979 thru 1985

GLASS MOLDING



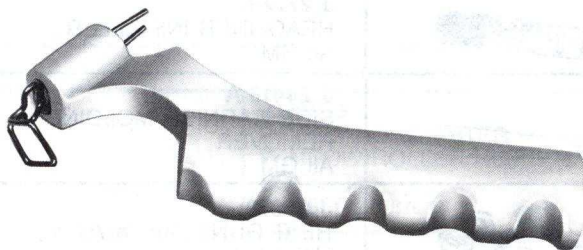
J 2767
WINDSHIELD GLASS SEAL
INSERT INSTALLER All
mechanical rubber
windshield seals



J 7898-01
REVEAL MOLDING
REMOVER
All GM to 1976

J 26471
STATIONARY WINDOW SEAL
LOCKING STRIP INSTALLER

This tool spreads the lock seal so that the decorative locking strip can be easily inserted. (A-Wagon through 1981, Chevette, 1/2 & 3/4 Ton Truck.)

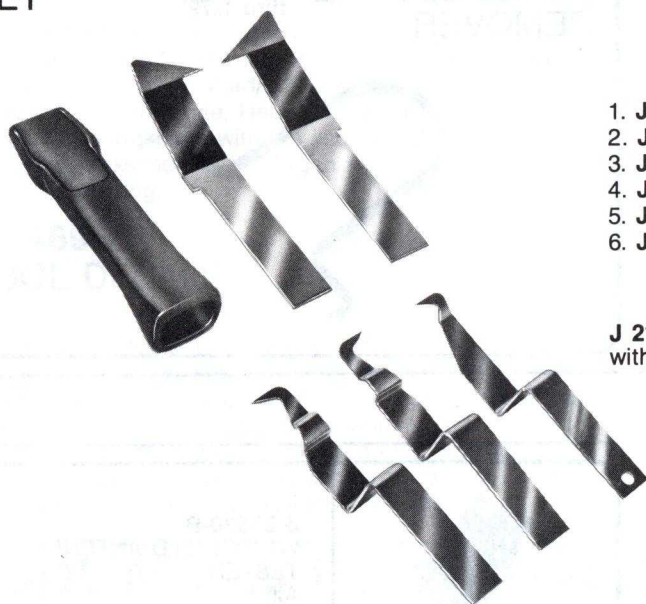


J 26471-2
REPLACEMENT MOLDING
INSERT INSTALLER TIP

J 26471-4
MOLDING INSERT
INSTALLER TIP (Opel by
Isuzu 1976 thru 1979)

GLASS MOLDING (CONTINUED)

J 21549-C REVEAL MOLDING REMOVER SET



This set includes the handle and the clip remover attachments necessary to remove the metal reveal moldings on all GM Vehicles 1965 to current.

Components

1. J 21549-1 Handle
2. J 21549-3 Reveal Molding Clip Remover
3. J 21549-5 Reveal Molding Clip Remover (Left Hand)
4. J 21549-6 Reveal Molding Clip Remover (Right Hand)
5. J 21549-10 Reveal Molding Clip Remover (Left Hand)
6. J 21549-11 Reveal Molding Clip Remover (Right Hand)

Additional Blade Available

J 21549-4 Thiokol Adhesive Cutting Knife (Use with J 21549-1)

Reveal Molding Application Chart

Model Year	Vehicle	Tool Number
1965 - 1970	All GM	J 21549-1 J 21549-3 J 21549-5 J 21549-6
1971 - 1981 1971 - 1979 1981 - Current	A Car X Car G Car	J 21549-1 J 21549-5 J 21549-6
1971 - 1978 1971 - Current 1971 - 1984	E Car B & D Car C Car	J 21549-1 J 21549-10 J 21549-11
1980 - Current	X Car	J 21549-1 J 21549-3

GLASS-GENERAL

J 23520-B Windshield Antenna Tester

This tester makes it possible to check the continuity of the windshield antennas. Small breaks in the embedded antenna are not always visible to the naked eye.



J 22055
DOOR & QUARTER
WINDOW ROLLER NUT
SOCKET
(All 1965 to current)



J 34946
WINDOW ROLL PIN
REMOVER
(M-Van)

INSTRUMENT PANEL



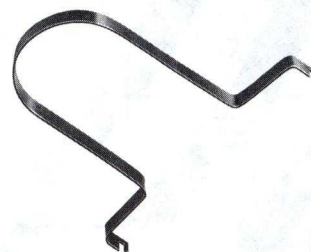
J 22901-01
GLOVE BOX NUT WRENCH
(All 1968 to current)



J 29002
INSTRUMENT PANEL
LOUVRE REMOVER
(Cadillac 1979 to current)

J 24612-01
INSTRUMENT
PANEL LOUVRE
REMOVER

The air conditioning outlet grills can easily be removed by compressing the tabs with this tool. (Cadillac 1974 thru 1979).



ANTENNA

J 28641
ANTENNA
BEZEL
SOCKET

(All 1980 to Current)

J 28641 is designed to engage the bezel slots of the bezel nut when removing and installing the antenna on 1980 to Current vehicles. J 28641 can be used with the antenna up or down.



J 23520-B
WINDSHIELD ANTENNA
TESTER
All



J 25565-A
ANTENNA BEZEL
SOCKET
Seville

IGNITION & ACCESSORIES



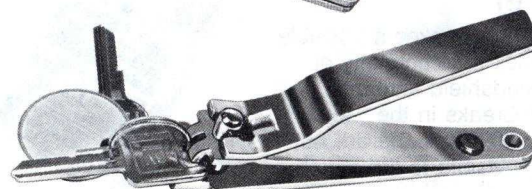
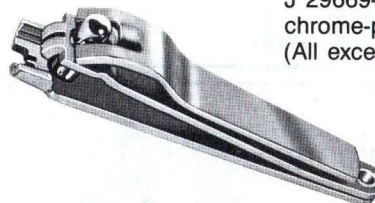
J 22683-01
STEREO 8 TRACK TEST
TAPE
All



J 23724-A
CASSETTE TEST TAPE
All

J 29669-B
KEY KLIPPER

Key identification tabs can easily be removed without removing the keys from the ring when using J 29669-B. Made from chrome-plated spring steel. (All except vinyl covered)

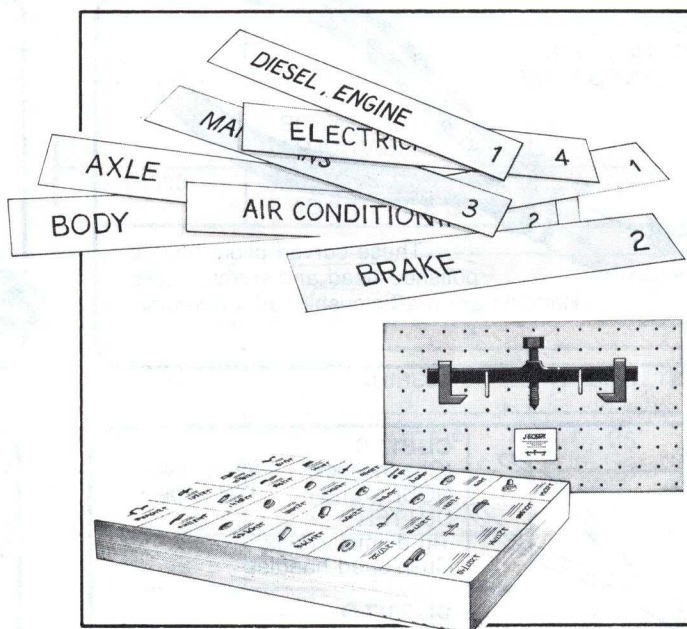


J 34685**SECTION HEADER LABELS**

Identify major vehicle component sections at a glance. Assortment of 48 header labels, self-adhesive vinyl, for use at the top of toolboard/wall system or on the end plate of the Great Crate. Header labels measure 11" by 2-1/8" and correspond with the section column on Tool Inventory worksheets in the Organizational Manual. White with blue printing.

J 34695-B**TOOL DECALS**

Set includes decals for all special tools with application 1979 to current. Decals measure 2-1/8" by 1-7/8" and have tool numbers, descriptions and a picture of the tool. Use with toolboard or box storage system. Over 1,200 self-adhesive vinyl decals. White with blue printing. Used in the inside lid of Great Crate containers or with traditional peg board organizational systems.

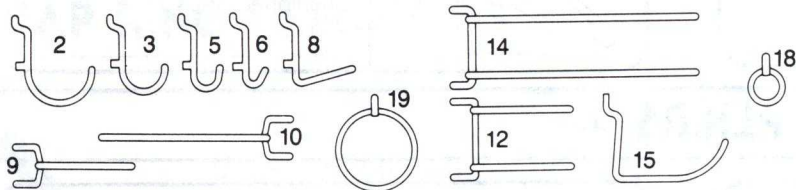
**TOOL BOARD HOOK SELECTIONS**

Tool board hooks are available in a full range of shapes & sizes for use with peg board systems. Hooks can be purchased in convenient assortments of the most often-used sizes and are also available in specific hook packages.

J 34720
Small Assortment
130 Hooks

J 34721
Medium Assortment
325 Hooks

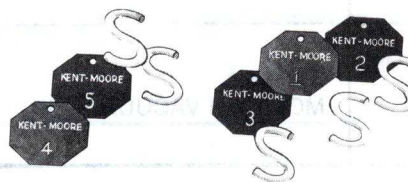
J 34722
Large Assortment
485 Hooks

**SPECIFIC HOOK PACKAGES**

Part No.	Hook No.	Package Quantity
J 34702-25	2	25
J 34703-25	3	25
J 34705-10	5	10
J 34706-10	6	10
J 34708-10	8	10
J 34709-10	9	10
J 34710-5	10	5
J 34712-5	12	5
J 34714-5	14	5
J 34715-5	15	5
J 34718-10	18	10
J 34719-10	19	10

MISCELLANEOUS**J 24894-01****TECHNICIAN TOOL CHECKS**

Sturdy, blue anodized aluminum. Four of each numbered 1 through 25. S-hooks for hanging included.

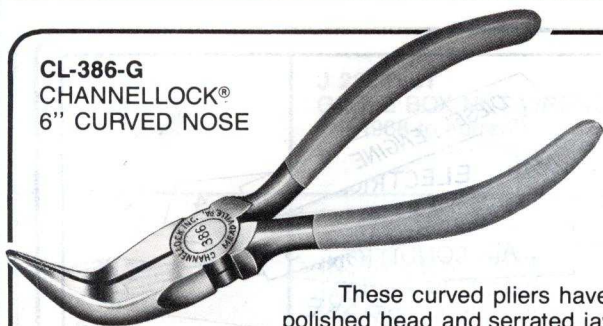
**J 35550****TOOL STORAGE CASES**

Set of 3 cases for storage of multiple-part tools or related component service tools. Molded black cases have sturdy latch closures and carrying handles for convenient storage and easy mobility to the work location. Sizes include 1 of each 17" by 13" by 4-1/2"; 14" by 11" by 4-1/2" and 12-1/2" by 9" by 3". Empty cases nest together for space-saving storage.



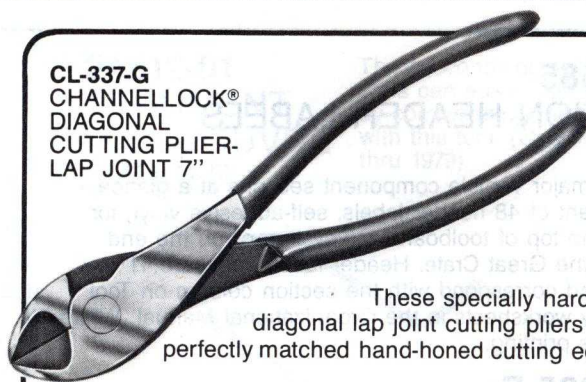
PLIERS

CL-386-G
CHANNELLOCK®
6" CURVED NOSE

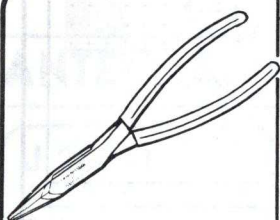


These curved pliers have a polished head and serrated jaws. Handles are plastic-cushioned for comfort.

CL-337-G
CHANNELLOCK®
DIAGONAL
CUTTING PLIER-
LAP JOINT 7"

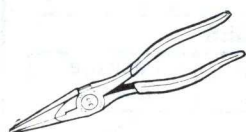


These specially hardened diagonal lap joint cutting pliers have perfectly matched hand-honed cutting edges.



CL-317-G
(Channellock®) 7-1/2" LONG
NOSE PLIERS WITH SIDE
CUTTER
Tip diameter 3/32"
Cushioned handles

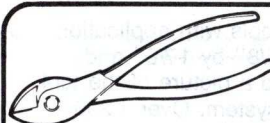
CL-3017-G
Same as CL-317-G without side
cutter



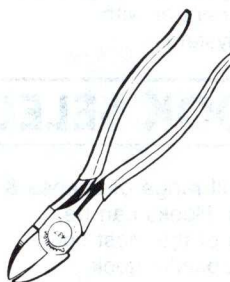
CL-3078-G
CHANNELLOCK® SERRATED
NOSE/LONG REACH 8"
PLIERS
Cushioned handles



CL-50-GS
EXTRA LONG NEEDLE NOSE
(5-3/4") Cushioned handles

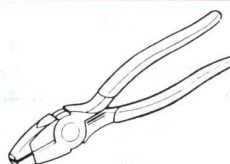


CL-338-G
Same as CL-337-G above with
8" length



CL-436-G
CHANNELLOCK® DIAGONAL
CUTTING PLIERS 6"
with cushioned grips

CL-437-G
Same as CL-436-G with 8"
length



CL-447-G
7-3/4" CURVED DIAGONAL
CUTTING PLIER-LAP JOINT
Cushioned grips

SNAP & RETAINING RING PLIERS



J 932
VACUUM GRIP



J 5586-A
MODIFIED VACUUM GRIP



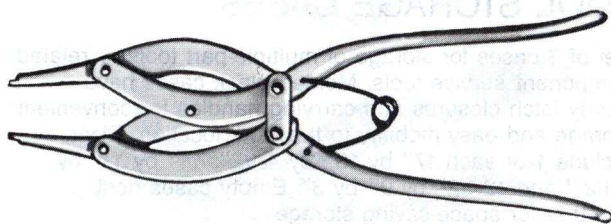
J 8039-A
MODIFIED VACUUM GRIP



J 22610
KEYSTONE CLAMP PLIERS

J 8059
SNAP RING PLIERS

These parallel opening jaw pliers make snap ring removal easy. Ideal for automatic & Manual transmissions.



INTERNAL SNAP RING PLIERS



TOOL NO.	FEATURES	TIP DIAMETER
J 5403	STRAIGHT TIP	.038"
J 4245	STRAIGHT TIP	.070"
J 21157	45° TIP	.070"

TOOL NO.	FEATURES	TIP DIAMETER
J 5207	STRAIGHT TIP	.090"
J 4646	STRAIGHT TIP- SPRING ACTION & ADJUSTABLE STOP	.090"
J 22380	90° - SPRING ACTION & ADJUSTABLE STOP	.150"

EXTERNAL SNAP RING PLIERS



TOOL NO.	FEATURES	TIP DIAMETER
J 4880	STRAIGHT TIP	.038"
J 6083	STRAIGHT TIP	.070"
J 8872	90° TIP	.070"

TOOL NO.	FEATURES	TIP DIAMETER
J 6435	STRAIGHT TIP	.115"
J 23432	90° TIP SPRING & STOP	.120"

COMBINATION INTERNAL EXTERNAL SNAP RING PLIERS

TOOL NO.	FEATURES
TR 1120	5-5/8" LONG - STRAIGHT TIP
TR 1124	5-5/8" LONG - 45° TIP
TR 1129	5-5/8" LONG - 90° TIP

TOOL NO.	FEATURES
TR 1340	7-7/8" LONG - STRAIGHT TIP
TR 1344	7-7/8" LONG - 45° TIP
TR 1349	7-7/8" LONG - 90° TIP

SNAP RING REMOVERS

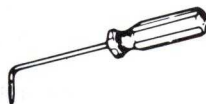


J 28585 SNAP RING REMOVER

This tool is used to remove and install large snap rings on such components as transmissions. The length of the tool and tip configuration enables J 28585 to easily remove and install snap rings.



J 29823 INTERNAL RETAINING RING REMOVER

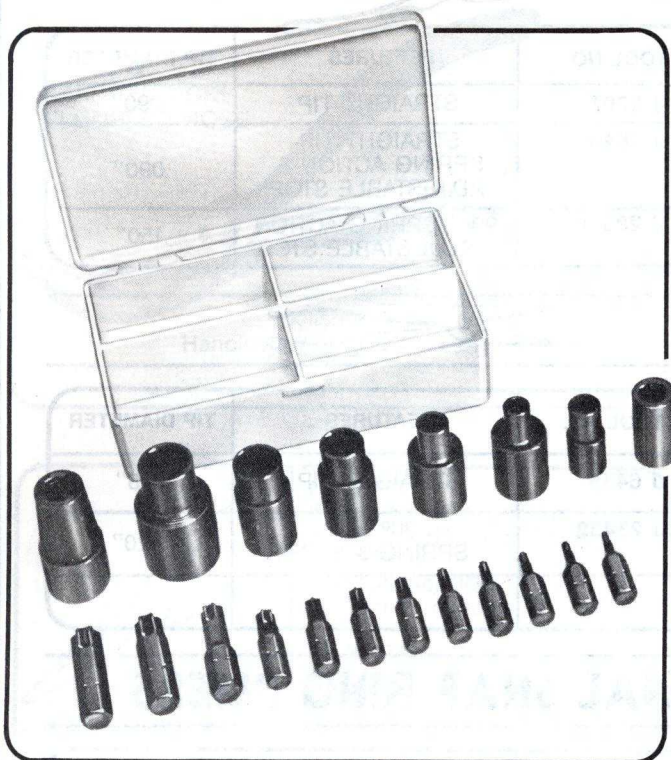


J 29836 UNIVERSAL SNAP RING REMOVER

KENT-MOORE TOOLS . . .
Designed for the professional service technician.

GENERAL HAND TOOLS

TORX



J 25359-C

TORX® BIT AND SOCKET SET (20 PIECE SET) PLUS STORAGE BOX

Consists of the following:

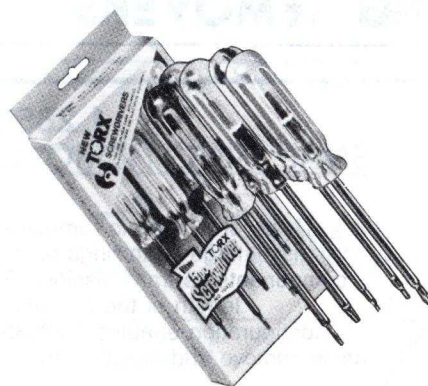
Part Number	Socket Size	Square Drive
J 25359-10	E6	3/8
J 25359-11	E8	3/8
J 25359-12	E10	3/8
J 25359-20	E12	3/8
J 25359-21	E14	1/2
J 25359-22	E8	1/4
Part Number	Bit Size	Hex Shank
J 25359-1	T 20H	1/4
J 25359-2	T 25H	1/4
J 25359-3	T 27H	1/4
J 25359-4	T 30	1/4
J 25359-5	T 40	5/16
J 25359-6	T 45	5/16
J 25359-7	T 50	5/16
J 25359-15	T 07	1/4
J 25359-16	T 08	1/4
J 25359-17	T 09	1/4
J 25359-18	T 10	1/4
J 25359-19	T 15	1/4
Part Number	Bit Holders Square Drive	Hex Shank
J 25359-8	1/4	1/4
J 25359-9	3/8	5/16

VA 70433

STANDARD HANDLE TORX® SCREW DRIVERS

This 5-piece set includes TORX® sizes T15, T20, T25, T27, T30. Each handle size is 1" x 3-5/8"; Blades are 4", overall length of 7-5/8".

Set comes in a hang-up box that can be used for storage.

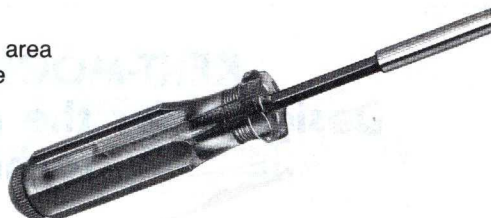


J 25359-26

1/4" TORX® BIT SCREWDRIVER

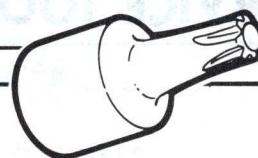
This popular screwdriver for your separate bits contains a storage area in the handle and rugged construction for those difficult to remove Torx® screws. The magnetized tip will prevent the drive bit from falling out and hold your magnetic screws to the bit.

Used with Torx® drive bits J 25359-1 (T20H), J 25359-2 (T25H), J 25359-3 (T27H), J 25359-4 (T30), J 25359-15 (T7), J 25359-16 (T8), J 25359-17 (T9), J 25359-18 (T10) and J 25359-19 (T15).



TORX (CONTINUED)

TORX® BIT SOCKETS (For Internal Drive Fasteners)

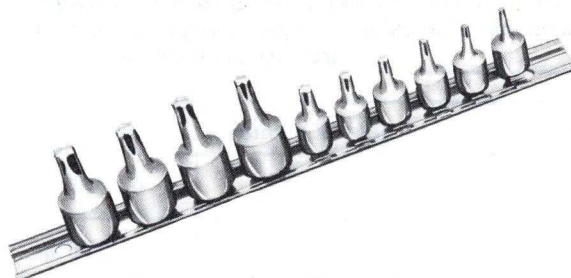


Individual Bit Sockets

Tool Number	Bit Size	Socket Drive	Tool Number	Bit Size	Socket Drive
J 29843-1	T10	1/4"	J 29843-7	T40	3/8"
J 29843-2	T15	1/4"	J 29843-8	T45	3/8"
J 29843-3	T20	1/4"	J 29843-9	T47	3/8"
J 29843-4	T25	1/4"	J 29843-10	T50	3/8"
J 29843-5	T27	1/4"	J 23457-A	T50	1/2"
J 29843-6	T30	1/4"	J 34161	T55	1/2"

J 29843 TORX® SET

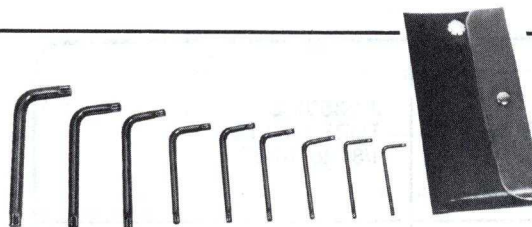
These attractive chromed bits fit most automotive applications. They can be used in many areas such as headlights, body, engine, transmissions, suspension, carburetor, door strikers, seat belt anchors and bumper mounts. The one piece design allows for quick use with a 1/4" or 3/8" square drive. Highlighting the set is the T47 which is the exact size for the GM door striker bolt. Fastened to the rail clip, they can be easily identified for use on a tool board or in your tool cabinet. (Includes sizes T10, T15, T20, T25, T27, T30, T40, T45, T47, and T50).



TORX HEX KEY

J 33179 TORX® KEY WRENCH SET

This set includes 9 Torx 90° angle wrenches in the following sizes: T10, T15, T20, T25, T27, T30, T40, T45, and T50. Also included, is a plastic storage pouch.



TORX SOCKETS

(For External Drive Fasteners)

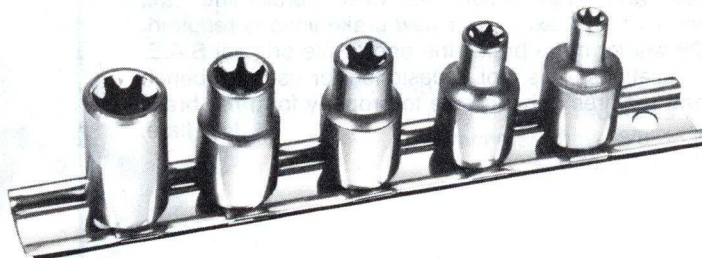


Individual Sockets

Tool Number	Socket Size	Socket Drive	Tool Number	Socket Size	Socket Drive
J 25359-12	E10	3/8"	J 25359-10	E6	3/8"
J 25359-20	E12	3/8"	J 25359-22	E8	1/4"
J 25359-21	E14	1/2"	J 25359-11	E8	3/8"

J 29844 TORX® SOCKET SET

These attractive chromed bits placed on the convenient rail clip, for easy storage and removal, facilitate the removal and installation of external Torx® head screws. They are used in many areas of the automobile such as, steering columns, brakes and suspensions.



GENERAL HAND TOOLS

TUBE SERVICE TOOLS

TUBE SERVICE SETS OF 7205 (Inch set) OF 7206 (Metric set)

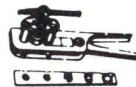
All you need for cutting and flaring soft steel, hard or soft copper or aluminum tubing...The 4-1/2" tubing cutter makes burr-free right-angle cuts from 1/8" to 1-1/8" outside diameters. Rollers have a flare cut-off groove. Fold-away reamer covers spare cutting wheel. Flaring tool will single or double flare five sizes of tubing with walls up to .004" thick—from 3/16" to 1/2" with inch set, from 4.75 mm to 10mm with metric set. Steel slip-on yoke is self-centering. Comes in a rugged storage box with full instructions inside the cover.



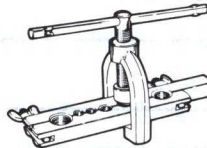
J 23533-B
TUBE CUTTER
1/8" to 1-1/8"



J 25310
TUBE BENDER
3/16", 1/4", 5/16" & 3/8"



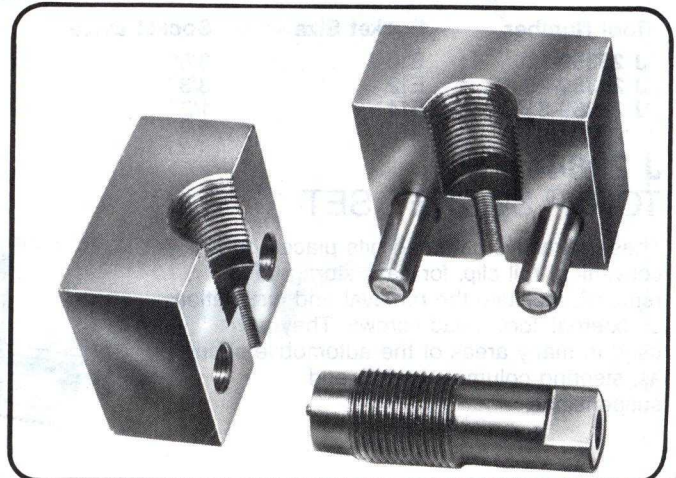
J 23530
FLARING TOOL
45° Single & double flare



OF 7203
FLARING TOOL
45° Single & double flare
3/16" to 1/2" with .040" max
wall thickness.

J 28629 BRAKE FLARING TOOL (4.75MM ISO)

Many GM cars incorporate an International Standards Organization (ISO) design brake line flare. When flaring of existing or new brake lines is required, J 28629 will form the brake line end to the original S.A.E. specifications. This tool is designed for use in a bench vise and requires only one die to properly form the brake line flare.



SLIDE HAMMERS

J 6125-1B	5/16"-18 THREAD WITH 3/8-16 ADAPTER
J 6125-B	5/16"-18 THREAD WITH 3/8-16 ADAPTER (Set of 2)
J 7108	5/8"-11 THREAD
OF 1018	1/2-13 THREAD WITH BODY DENT REMOVER ADAPTERS (2 Screws & "L" Adapter)



J 2619-01	5/8-18 THREAD WITH 1/2-13 ADAPTER
J 6471-02	5/8-18 THREAD WITH ADAPTERS 3/8-16, 3/8-24, 3/4-10, 3/4-16, 1"-14, 1/2"-13, 7/16"-20, 9/16-18, 5/8-11, 7/8-14, 7/8-9, 1/2 PIPE & 1/4 PIPE.

SLIDE HAMMER ADAPTERS



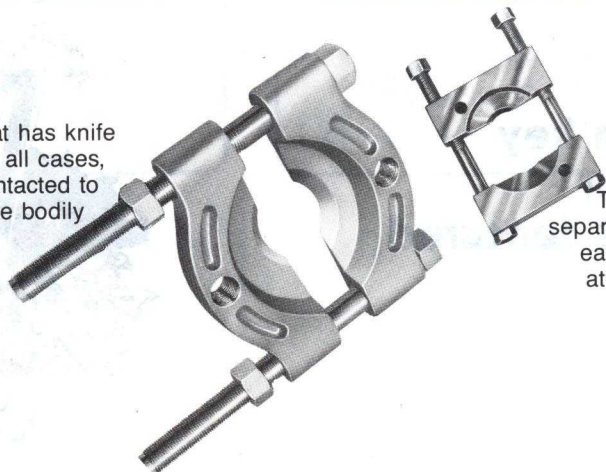
Tool No.	Female Thread	Male Thread
J 6258	3/4-16	1/2-13
J 6471-15	5/8-18	1/4" PIPE
J 6471-2	5/8-18	3/8-16
J 9276-21	5/8-18	3/8-24
J 6471-9	5/8-18	7/16-20
J 6471-8	5/8-18	1/2-13
J 6471-4	5/8-18	1/2-20
J 6471-14	5/8-18	1/2" PIPE

Tool No.	Female Thread	Male Thread
J 6471-10	5/8-18	9/16-18
J 6471-11	5/8-18	5/8-11
J 6471-5	5/8-18	3/4-10
J 6471-6	5/8-18	3/4-16
J 6471-13	5/8-18	7/8-9
J 6471-12	5/8-18	7/8-14
J 6471-7	5/8-18	1"-14

SPLIT PLATE PULLERS

J 22912-01 BEARING REMOVER

This is an adjustable bearing remover that has knife like edges that fit into very tight areas. In all cases, the inner race of the bearing must be contacted to prevent damage to the bearing or possible bodily injury.



OF 2533 BEARING REMOVER


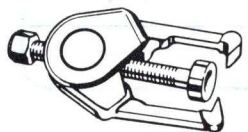

The knife edges of this bearing separators are flush on one side for easy pulling. Two holes for puller attachment have 3/8"-16 threads. 0 to 2 1/4" Capacity.


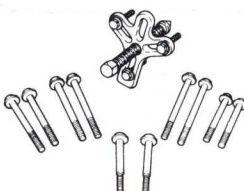
DRIVER HANDLES

TOOL NO.	DESCRIPTION	SIZE
J 7079-2	NON-THREADED DRIVER HEADS WITH 1/2" ROUND FEMALE DRIVE	8" LONG 1/2" PILOT
J 21054-1	FOR THREADED DRIVER HEADS	26" LONG 1/2" — 13 THREAD
J 8092	FOR THREADED DRIVER HEADS	9" LONG 3/4"-10 THREAD

TOOL NO.	DESCRIPTION	SIZE
J 8592	FOR THREADED DRIVER HEADS	12" LONG 3/4"-10 THREAD
J 21465-13	DRIVER HANDLE EXTENSION — THREADED BOTH ENDS (Male and Female Thread)	8-1/2" LONG 3/4"-10

PULLERS

	J 1859-03 STEERING WHEEL PULLER (Includes 5 sets of side screws for GM vehicles)
	J 24319-01 UNIVERSAL STEERING LINKAGE PULLER
	J 8433 MULTIPLE USE CROSS BAR PULLER (Used for A/C, Transmissions & many other components)

	J 22888 UNIVERSAL REVERSIBLE LEG PULLER (Bearings & Gears)
	OF 2513 UNIVERSAL HARMONIC BALANCER PULLER (Includes 4 sets of hardware for virtually all harmonic balancer removal)

Organization is a key to Profits! See our organization aids featured on pages 4 & 5.



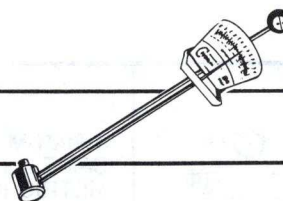
ADJUSTABLE TORQUE WRENCHES RATCHET DRIVE



Tool #	Drive	Range (Dual Scale)
J 24404	1/4"	3 to 23 Newton Meters 30 to 200 in. lbs.
J 24405	3/8"	3 to 28 Newton Meters 30 to 250 in. lbs.
J 24406	3/8"	23 to 138 Newton Meters 15 to 100 ft. lbs.

Tool #	Drive	Range (Dual Scale)
J 24407	1/2"	47 to 345 Newton Meters 30-250 ft. lbs.
J 23775-01	3/4"	153 to 830 Newton Meters 100 to 600 ft. lbs.

BEAM STYLE TORQUE WRENCHES



Tool #	Drive	Range (Dual Scale)
J 7754-01	3/8"	0-3 Newton Meters 0-25 in. lbs.
J 6459-B	3/8"	0-7 Newton Meters 0-60 in. lbs.
J 5853-B	3/8"	0-28 Newton Meters 0-250 in. lbs.

Tool #	Drive	Range (Dual Scale)
J 1313-B	1/2"	0-250 Newton Meters 0-150 ft. lbs.
J 8398	3/4"	0-835 Newton Meters 0-500 ft. lbs.

TORQUE WRENCH ADAPTERS



J 8068
3/8" FEMALE TO 1/2" MALE



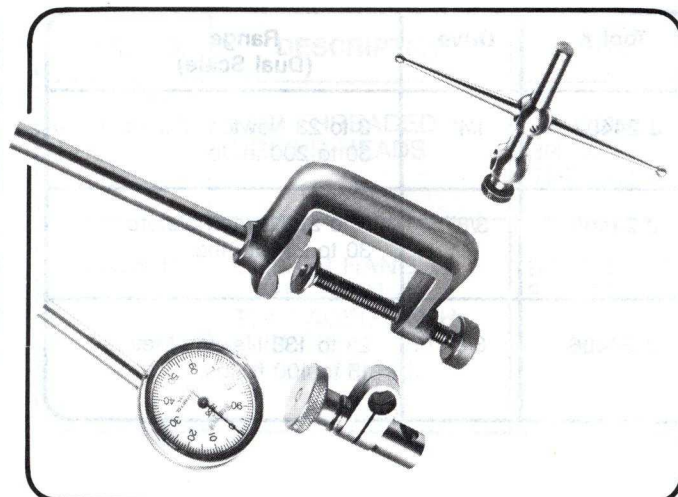
J 5583
1/2" FEMALE TO 3/4" MALE

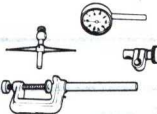









GENERAL HAND TOOLS

MEASURING TOOLS—DIAL INDICATORS & ACCESSORIES

J 8001 DIAL INDICATOR SET

In order to perform critical measurements, J 8001 and the attachments included are necessary for most jobs. The most common uses for this gauge are rear axle and transmission work. J 8001 features .001" increments and .230" travel. Set includes J 8001-1 Dial Indicator Clamp, J 8001-2 Dial Indicator Sleeve, J 8001-3 Dial Indicator and J 8001-4 Hole Attachment.



	<p>J 8001-M SAME AS J 8001 WITH METRIC INDICATOR (.01mm graduations—5mm travel)</p>		<p>J 5339 DIAL INDICATOR PLUNGER EXTENSION (1-3/8" Long) Use with J 8001 or J 8001-M</p>
	<p>J 26900-12 ADJUSTABLE METRIC DIAL INDICATOR 10mm travel (MITUTOYO)</p>		<p>J 7057 DIAL INDICATOR PLUNGER EXTENSION (2 1/2" Long) Use with J 8001 or J 8001-M</p>
	<p>J 7872 MAGNETIC BASE INDICATOR SET (Includes J 8001 indicator & 3" plunger extension)</p>		<p>J 23409 DIAL INDICATOR EXTENSION SET (Post & indicator back stop)</p>
	<p>J 26900-13 MAGNETIC BASE (For 1/4" & 3/8" indicator stems) (MITUTOYO)</p>		<p>J 23672 DIAL INDICATOR PLUNGER RADIAL RUN OUT ADAPTER (Use with J 8001 or J 8001-M)</p>
	<p>J 4757 DIAL INDICATOR PLUNGER MICROMETER BALL ATTACHMENT</p>		<p>J 28667-A DIAL INDICATOR PLUNGER EXTENSION - 110MM (4.89") Use with J 8001 or J 8001-M</p>

MEASURING TOOLS



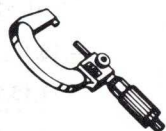
COMBIMIKE DIGITAL-OUTSIDE MICROMETERS

Combination English-Metric Micrometers

The MITUTOYO "Combimike" reads both inch and Metric diameters simultaneously as the Spindle rotates.

It indicates inch value on the Thimble, while its Metric equivalent is registered on the Digital Counter.

(See J 26900-1, -2, -3 & -4 below)

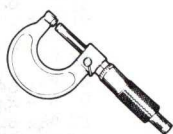


J 26900-1
OUTSIDE MICROMETER
0 to 1" Combination english-
metric digital counter

J 26900-2
OUTSIDE MICROMETER
1" to 2" Combination
english-metric digital counter

J 26900-3
OUTSIDE MICROMETER
2" to 3" Combination
english-metric digital counter

J 26900-4
OUTSIDE MICROMETER
3" to 4" Combination
english-metric digital counter

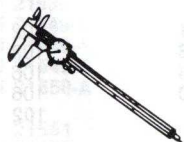


G MG101-4
OUTSIDE MICROMETER
(0 to 1")

G MG201-4
OUTSIDE MICROMETER
(1" to 2")

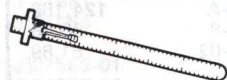


J 26900-5
VERNIER CALIPER
Range 6" Combination
english metric



J 26900-6
DIAL CALIPER
Range 6" english

J 26900-7
DIAL CALIPER
Range 150mm metric



G 3001
6" STAINLESS STEEL
POCKET SCALE



LK62-1
12" STEEL RULE
(Lufkin - 1/16" thick X 1-1/4"
wide)



J 3172
THICKNESS GAUGE
15 leaves .0015 THRU .015"
(.001 increments)

J 26900-8
THICKNESS GAUGE
26 leaves .002" thru .035"

J 26900-9
THICKNESS GAUGE
13 leaves .03 thru 0.5mm



J 26900-10
INSIDE SPRING
CALIPER—6"



J 26900-11
OUTSIDE SPRING
CALIPER—8"



J 26900-14
SMALL HOLE GAUGES
(Set of 4) (.125" to .500")



J 26900-16
TELESCOPING GAUGE
3/4 to 1-1/4"



J 26900-23
TELESCOPING GAUGE
1-1/4" to 2-1/8"



J 544-01
TENSION SCALE
0 to 4 lbs.

(Kent-Moore Tool Number/Catalog Page Number)

NOTE: Page numbers listed in bold type indicate a feature tool. Kent-Moore featured tools contain descriptive copy highlighting the tool's benefits to the repair operation.

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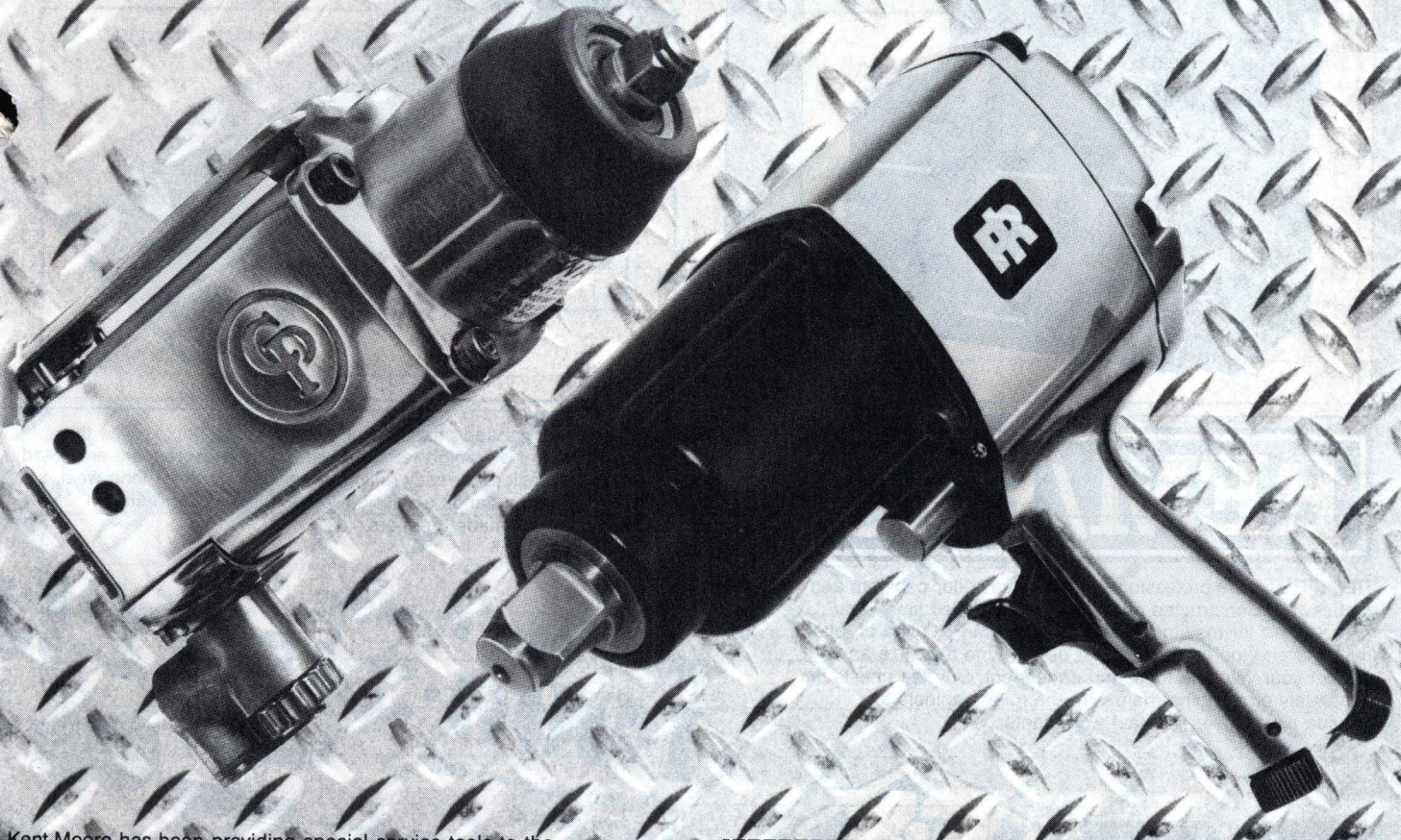
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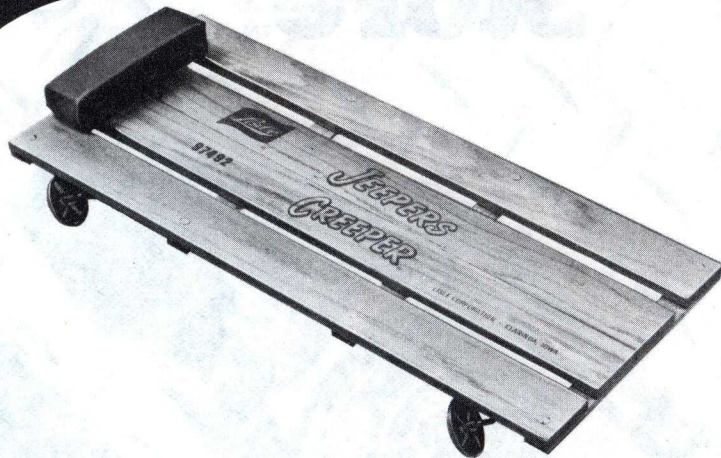


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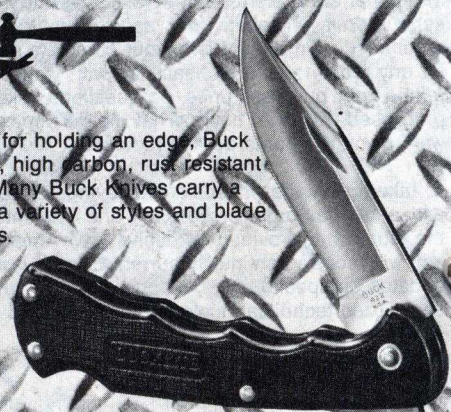
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J-5	Price List	UA85-310	J-84-505	1985 GM Special Service Tool Brochure (Passenger Car & Light Duty Truck)	GM84-505
J-17	Automotive Diesel Engine Special Service Tools	GM82-322	J-85-37	Isuzu JT Special Service Tool Brochure	IS85-37
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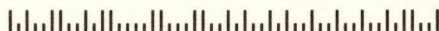
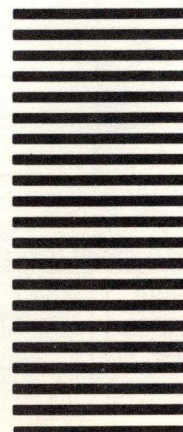
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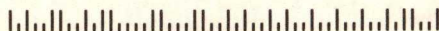
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